

Name of Respondent	District of Residence	SECTION A: 1. Sex of respondent	2. Age of respondent	3. Level of Education	4. Occupational Category	5. If Agricultural, specify type of agricultural activity
Gordon Air Kasoa	(Awutu Senya East Municipal Assembly)	Male	41-50 year	None form	Others Spe Commercial Driver	
Ebenezer T Kasoa	(Awutu Senya East Municipal Assembly)	Male	31-40 year	Secondary	Others Spe Carpenter	
Godfred Es Kasoa	(Awutu Senya East Municipal Assembly)	Male	41-50 year	Secondary	Agriculture	Self owned
Sarah Amp Kasoa	(Awutu Senya East Municipal Assembly)	Female	41-50 year	Tertiary	Civil Servant	
Daniel Boa Winneba	(Effutu Municipal Assembly)	Male	21-30 year	Tertiary	Civil Servant	
Baaba Owu Winneba	(Effutu Municipal Assembly)	Female	21-30 year	Tertiary	Civil Servant	
Sandra Atti Winneba	(Effutu Municipal Assembly)	Female	21-30 year	Basic	Commercial	
Mavis Men Winneba	(Effutu Municipal Assembly)	Female	21-30 year	Tertiary	Civil Servant	
Issac Gyan Winneba	(Effutu Municipal Assembly)	Male	21-30 year	Tertiary	Others Spe Student	
Rhoda Amf Winneba	(Effutu Municipal Assembly)	Female	31-40 year	Basic	Agriculture	Self owned
Tracy Aidoo Winneba	(Effutu Municipal Assembly)	Female	21-30 year	Tertiary	Commercial	
Mavis Abba Winneba	(Effutu Municipal Assembly)	Female	21-30 year	Secondary	Commercial	
Asare Bedi Winneba	(Effutu Municipal Assembly)	Male	31-40 year	Tertiary	Civil Servant	
Christiana s Winneba	(Effutu Municipal Assembly)	Female	21-30 year	Tertiary	Commercial	
Thomas Oh Winneba	(Effutu Municipal Assembly)	Male	21-30 year	Tertiary	Commercial	
John Mensi Winneba	(Effutu Municipal Assembly)	Male	31-40 year	Secondary	Civil Servant	
Mark Amo Winneba	(Effutu Municipal Assembly)	Male	21-30 year	Tertiary	Agriculture	Employed
Selina Doh Winneba	(Effutu Municipal Assembly)	Female	21-30 year	Tertiary	Civil Servant	
Seida Essel Kasoa	(Awutu Senya East Municipal Assembly)	Female	41-50 year	Secondary	Commercial	
Rita Apraku Kasoa	(Awutu Senya East Municipal Assembly)	Female	41-50 year	Secondary	Others Spe Unemployed	
Emmanuel Winneba	(Effutu Municipal Assembly)	Male	21-30 year	Secondary	Civil Servant	
Sandra Asa Kasoa	(Awutu Senya East Municipal Assembly)	Female	41-50 year	Tertiary	Agriculture	Employed
Lawrencia I Winneba	(Effutu Municipal Assembly)	Female	31-40 year	Tertiary	Commercial	
Mr. Bright J Winneba	(Effutu Municipal Assembly)	Male	41-50 year	Secondary	Agriculture	Self owned
Mr. James J Winneba	(Effutu Municipal Assembly)	Male	41-50 year	Basic	Commercial	
Mr. Jacob J Winneba	(Effutu Municipal Assembly)	Male	41-50 year	Tertiary	Civil Servant	
Miss Araba Winneba	(Effutu Municipal Assembly)	Female	31-40 year	None form	Commercial	
Miss Irene Winneba	(Effutu Municipal Assembly)	Female	31-40 year	Tertiary	Civil Servant	
Philip Assa Winneba	(Effutu Municipal Assembly)	Male	41-50 year	Tertiary	Commercial	
Mr Raphat Winneba	(Effutu Municipal Assembly)	Male	31-40 year	None form	Agriculture	Self owned
Mary Mensi Winneba	(Effutu Municipal Assembly)	Female	21-30 year	Secondary	Commercial	
Phillip Aqu Winneba	(Effutu Municipal Assembly)	Male	21-30 year	Secondary	Commercial	
Esther kor Winneba	(Effutu Municipal Assembly)	Female	21-30 year	Tertiary	Agriculture	Self owned
Cindy Anna Winneba	(Effutu Municipal Assembly)	Female	21-30 year	Secondary	Commercial	
Betty owus Winneba	(Effutu Municipal Assembly)	Female	21-30 year	Secondary	Commercial	
Benedicta I Winneba	(Effutu Municipal Assembly)	Female	21-30 year	Tertiary	Commercial	
Ella Mensa Winneba	(Effutu Municipal Assembly)	Female	21-30 year	Tertiary	Commercial	
Sena Wowi Winneba	(Effutu Municipal Assembly)	Male	21-30 year	Secondary	Civil Servant	
Efua Browr Kasoa	(Awutu Senya East Municipal Assembly)	Female	31-40 year	Secondary	Commercial	
Abbam Kof Kasoa	(Awutu Senya East Municipal Assembly)	Male	51-60 year	Tertiary	Commercial	
Jamilatu Al Winneba	(Effutu Municipal Assembly)	Female	21-30 year	Secondary	Commercial	
Charles An Winneba	(Effutu Municipal Assembly)	Male	31-40 year	Tertiary	Civil Servant	
Rosemond Winneba	(Effutu Municipal Assembly)	Female	41-50 year	Secondary	Commercial	
Kofi Yanne Winneba	(Effutu Municipal Assembly)	Male	41-50 year	None form	Agriculture	Self owned
Henry Anin Winneba	(Effutu Municipal Assembly)	Male	31-40 year	Never Educ	Agriculture	Employed
Issac Gyan Winneba	(Effutu Municipal Assembly)	Male	21-30 year	Tertiary	Others Spe Student	
Ishmael Tu Winneba	(Effutu Municipal Assembly)	Male	21-30 year	Secondary	Civil Servant	
Kwesi Baah Kasoa	(Awutu Senya East Municipal Assembly)	Male	41-50 year	Basic	Commercial	
Daniel Esse Winneba	(Effutu Municipal Assembly)	Male	41-50 year	Tertiary	Civil Servant	
Derrick Anr Winneba	(Effutu Municipal Assembly)	Male	41-50 year	None form	Commercial	

Samuel Thc Winneba (Effutu Muni	Male	41-50 year:	Tertiary	Others Spe	Banker	
Florence A Winneba (Effutu Muni	Female	31-40 year:	Secondary	Commercial		
Kennedy A Winneba (Effutu Muni	Male	31-40 year:	Tertiary	Civil Servant		
David Antw Winneba (Effutu Muni	Male	51-60 year:	Tertiary	Civil Servant		
John Biado Kasoa (Awutu Senya E	Male	51-60 year:	Secondary	Agriculture		Self owned
Ruth Ofori Winneba (Effutu Muni	Female	21-30 year:	Basic	Agriculture		Employed
Kate Asam Kasoa (Awutu Senya E	Female	41-50 year:	Secondary	Commercial		
Sadick Abu Winneba (Effutu Muni	Male	21-30 year:	Secondary	Agriculture		Self owned
Kwesi Abek Winneba (Effutu Muni	Male	41-50 year:	Basic	Agriculture		Self owned
Bernard Ad Winneba (Effutu Muni	Male	21-30 year:	Basic	Others Spe	Trader	
Gideon Anc Winneba (Effutu Muni	Male	41-50 year:	None form	Agriculture		Self owned
Elizabeth D Winneba (Effutu Muni	Female	21-30 year:	Secondary	Others Spe	Trader	
Blessed Egi Winneba (Effutu Muni	Male	31-40 year:	None form	Agriculture		Self owned
Vivian Asar Winneba (Effutu Muni	Female	41-50 year:	Basic	Others Spe	Trader	
Kingsley En Winneba (Effutu Muni	Male	31-40 year:	Secondary	Agriculture		Self owned
Victoria Tw Winneba (Effutu Muni	Female	21-30 year:	Secondary	Commercial		
Evelyn Am Winneba (Effutu Muni	Female	21-30 year:	Tertiary	Others Spe	Student	
Christophe Winneba (Effutu Muni	Male	41-50 year:	Never Educ	Agriculture		Self owned
Beatrice M Winneba (Effutu Muni	Female	21-30 year:	Secondary	Others Spe	Trader	
Joshua Tam Winneba (Effutu Muni	Male	51-60 year:	None form	Agriculture		Self owned
Aba Tabi Winneba (Effutu Muni	Female	51-60 year:	Never Educ	Others Spe	None	
Janet Tagb Winneba (Effutu Muni	Female	21-30 year:	Secondary	Agriculture		Employed
Esi Anokye Winneba (Effutu Muni	Female	21-30 year:	None form	Others Spe	Seamstress	
John Appia Winneba (Effutu Muni	Male	21-30 year:	Secondary	Agriculture		Employed
Abraham F Winneba (Effutu Muni	Male	31-40 year:	None form	Agriculture		Self owned
Charlotte A Winneba (Effutu Muni	Female	41-50 year:	Basic	Others Spe	Trader	
Gladys Enir Winneba (Effutu Muni	Female	51-60 year:	Never Educ	Others Spe	None	
Theresah A Winneba (Effutu Muni	Female	21-30 year:	None form	Others Spe	Seamstress	
Abena Achi Winneba (Effutu Muni	Female	21-30 year:	None form	Agriculture		Employed
Cynthia M Winneba (Effutu Muni	Female	21-30 year:	Secondary	Agriculture		Employed
Clement Bc Winneba (Effutu Muni	Male	31-40 year:	Tertiary	Commercial		
Kojo Acqua Winneba (Effutu Muni	Male	51-60 year:	None form	Agriculture		Self owned
Kakra Blant Winneba (Effutu Muni	Male	21-30 year:	Secondary	Agriculture		Employed
Aba Awuku Winneba (Effutu Muni	Female	21-30 year:	None form	Agriculture		Employed
John Coffie Winneba (Effutu Muni	Male	21-30 year:	None form	Others Spe	Plumber	
Awo Domp Winneba (Effutu Muni	Female	21-30 year:	None form	Others Spe	Hairdresser	
Victoria Da Winneba (Effutu Muni	Female	41-50 year:	None form	Others Spe	Food vendor	
Osei Philip Kasoa (Awutu Senya E	Male	31-40 year:	Secondary	Civil Servant		
Anita Baah Winneba (Effutu Muni	Female	41-50 year:	Secondary	Commercial		
James Bots Winneba (Effutu Muni	Male	41-50 year:	Never Educ	Agriculture		Self owned
Ebo Brew Winneba (Effutu Muni	Male	31-40 year:	Tertiary	Civil Servant		
Ekua Nimo Winneba (Effutu Muni	Female	41-50 year:	Never Educ	Commercial		
Ama Anim Winneba (Effutu Muni	Female	31-40 year:	Secondary	Commercial		
Olivia Nkru Winneba (Effutu Muni	Female	41-50 year:	Secondary	Agriculture		Employed
Abena Agy Winneba (Effutu Muni	Female	31-40 year:	Basic	Commercial		
Richard Ya Winneba (Effutu Muni	Male	31-40 year:	None form	Agriculture		Self owned
Catherine E Winneba (Effutu Muni	Female	41-50 year:	None form	Agriculture		Self owned
Beatrice Br Winneba (Effutu Muni	Female	31-40 year:	Secondary	Commercial		
Adwoa Essi Winneba (Effutu Muni	Female	31-40 year:	Tertiary	Civil Servant		
Matthew S Winneba (Effutu Muni	Male	41-50 year:	Tertiary	Others Spe	Teacher	
Kwabena A Winneba (Effutu Muni	Male	41-50 year:	Tertiary	Civil Servant		

Rosemary I Winneba (Effutu Muni; Female	31-40 year: Secondary	Commercial	
Joe Whyte Winneba (Effutu Muni; Male	31-40 year: Secondary	Civil Servant	
Leticia Arhi Kasoa (Awutu Senya E; Female	51-60 year: Secondary	Civil Servant	
Mariam Fu: Winneba (Effutu Muni; Female	21-30 year: Secondary	Commercial	
Prosper Ad Winneba (Effutu Muni; Male	31-40 year: Tertiary	Civil Servant	
Clara Nyark Winneba (Effutu Muni; Female	31-40 year: None form	Commercial	
Michael Ad Winneba (Effutu Muni; Male	41-50 year: Tertiary	Civil Servant	
Jarfa Riffat Winneba (Effutu Muni; Male	31-40 year: Secondary	Agriculture	Self owned
David Lamf Winneba (Effutu Muni; Male	Above 60 y	Tertiary Others Spe	Retired
Justice Afri Winneba (Effutu Muni; Male	31-40 year: Tertiary	Commercial	
John Manu Kasoa (Awutu Senya E; Male	41-50 year: Secondary	Others Spe	Unemployed since Oct
Parvati Akc Kasoa (Awutu Senya E; Female	21-30 year: Tertiary	Civil Servant	
Kofi Ameka Kasoa (Awutu Senya E; Male	31-40 year: Secondary	Commercial	
Amelia Kar Kasoa (Awutu Senya E; Female	51-60 year: None form	Commercial	
Kofi Owusu Kasoa (Awutu Senya E; Male	21-30 year: Secondary	Agriculture	Self owned
Kingsley OƆ Kasoa (Awutu Senya E; Male	31-40 year: Tertiary	Others Spe	Trader
Rein Meek Kasoa (Awutu Senya E; Male	31-40 year: Basic	Agriculture	Employed
Junior Owu Kasoa (Awutu Senya E; Male	51-60 year: None form	Others Spe	Trader
Monica Agi Kasoa (Awutu Senya E; Female	Above 60 y	Secondary	Commercial
Solomon A: Kasoa (Awutu Senya E; Male	31-40 year: Basic	Others Spe	Trader
James Brov Kasoa (Awutu Senya E; Male	21-30 year: Tertiary	Others Spe	Trader
Harris Kasoa (Awutu Senya E; Male	41-50 year: Secondary	Others Spe	Trader
Emmanuel Kasoa (Awutu Senya E; Male	31-40 year: Secondary	Others Spe	Trader
Dunwell Kasoa (Awutu Senya E; Male	31-40 year: Basic	Others Spe	Trader
Foster kum Kasoa (Awutu Senya E; Male	31-40 year: Secondary	Others Spe	Trader
Peter Kasoa (Awutu Senya E; Male	31-40 year: Secondary	Others Spe	Trader
Prosper Kasoa (Awutu Senya E; Male	51-60 year: Secondary	Others Spe	Trader
Fred Kasoa (Awutu Senya E; Male	41-50 year: Secondary	Others Spe	Trader
Dorothy m: Kasoa (Awutu Senya E; Female	41-50 year: Tertiary	Others Spe	Trader
Charles bot Kasoa (Awutu Senya E; Male	41-50 year: Secondary	Others Spe	Trader
Stanley alal Kasoa (Awutu Senya E; Male	51-60 year: Secondary	Others Spe	Trader
Gerrard Kasoa (Awutu Senya E; Male	51-60 year: Secondary	Others Spe	Trader
George Kasoa (Awutu Senya E; Male	51-60 year: Tertiary	Others Spe	Trader
Jonathan Kasoa (Awutu Senya E; Male	41-50 year: Tertiary	Others Spe	Trader
Joseph Smi Kasoa (Awutu Senya E; Male	41-50 year: Tertiary	Others Spe	Trader
Jerry addo Kasoa (Awutu Senya E; Male	41-50 year: Tertiary	Others Spe	Trader
Kofi amoah Kasoa (Awutu Senya E; Male	31-40 year: Secondary	Others Spe	Trader
Fred obeng Kasoa (Awutu Senya E; Male	21-30 year: Secondary	Others Spe	Trader
Caleb odan Kasoa (Awutu Senya E; Male	41-50 year: Tertiary	Others Spe	Trader
Joe addo Kasoa (Awutu Senya E; Male	31-40 year: Secondary	Commercial	
Richard Da Kasoa (Awutu Senya E; Male	31-40 year: Tertiary	Others Spe	Trader
Harry brow Kasoa (Awutu Senya E; Male	51-60 year: Tertiary	Others Spe	Trader
Jackson bai Kasoa (Awutu Senya E; Male	51-60 year: Tertiary	Others Spe	Trader
Blessing op Kasoa (Awutu Senya E; Male	51-60 year: Secondary	Others Spe	Trader
Michael as: Kasoa (Awutu Senya E; Male	41-50 year: Tertiary	Commercial	
Sarah botsi Kasoa (Awutu Senya E; Male	31-40 year: Secondary	Commercial	
Ali Khan Kasoa (Awutu Senya E; Male	41-50 year: Secondary	Others Spe	Trader
Kojo obeng Kasoa (Awutu Senya E; Male	51-60 year: Secondary	Commercial	
Joe mensal Kasoa (Awutu Senya E; Male	41-50 year: Tertiary	Commercial	
Robinson a Kasoa (Awutu Senya E; Male	41-50 year: Secondary	Commercial	
Matthew b Kasoa (Awutu Senya E; Male	51-60 year: Tertiary	Commercial	

Hartford ku Kasoa (Awutu Senya E: Male	51-60 year: Tertiary	Commercial	
David wor Kasoa (Awutu Senya E: Male	41-50 year: Secondary	Commercial	
Ezekiel oda Kasoa (Awutu Senya E: Male	41-50 year: Secondary	Commercial	
Desmond T Kasoa (Awutu Senya E: Male	31-40 year: Basic	Commercial	
Kwame oda Kasoa (Awutu Senya E: Male	31-40 year: Secondary	Commercial	
Nancy tutu Kasoa (Awutu Senya E: Male	51-60 year: Tertiary	Commercial	
Kojo asare Kasoa (Awutu Senya E: Male	41-50 year: Tertiary	Commercial	
Princess oda Kasoa (Awutu Senya E: Female	41-50 year: Tertiary	Commercial	
Felicia oda Kasoa (Awutu Senya E: Female	41-50 year: Tertiary	Commercial	
Kwasi asare Kasoa (Awutu Senya E: Male	41-50 year: Tertiary	Commercial	
Abena serv Kasoa (Awutu Senya E: Female	41-50 year: Tertiary	Commercial	
Ama odam Kasoa (Awutu Senya E: Female	41-50 year: Tertiary	Commercial	
Nana Akot Kasoa (Awutu Senya E: Male	41-50 year: Tertiary	Commercial	
Randy sack Kasoa (Awutu Senya E: Male	41-50 year: Tertiary	Commercial	
Sam sackey Kasoa (Awutu Senya E: Male	31-40 year: Tertiary	Commercial	
Paul asare Kasoa (Awutu Senya E: Male	31-40 year: Tertiary	Commercial	
Patrick asa Kasoa (Awutu Senya E: Male	31-40 year: Tertiary	Commercial	
Promise as Kasoa (Awutu Senya E: Male	41-50 year: Tertiary	Commercial	
Ramsey as Kasoa (Awutu Senya E: Male	41-50 year: Tertiary	Commercial	
Jersey oda Kasoa (Awutu Senya E: Male	31-40 year: Tertiary	Commercial	
Mandela a Kasoa (Awutu Senya E: Male	31-40 year: Tertiary	Commercial	
Donald oda Kasoa (Awutu Senya E: Male	41-50 year: Tertiary	Commercial	
Christophe Kasoa (Awutu Senya E: Male	51-60 year: Tertiary	Commercial	
Nicholas as Kasoa (Awutu Senya E: Male	21-30 year: Secondary	Commercial	
Enock sack Kasoa (Awutu Senya E: Male	41-50 year: Tertiary	Commercial	
Elizabeth T. Kasoa (Awutu Senya E: Female	51-60 year: Tertiary	Commercial	
Elijah addo Kasoa (Awutu Senya E: Male	31-40 year: Tertiary	Commercial	
Anthony oc Kasoa (Awutu Senya E: Male	41-50 year: Tertiary	Commercial	
Joyce asare Kasoa (Awutu Senya E: Female	41-50 year: Tertiary	Commercial	
Beatrice oc Kasoa (Awutu Senya E: Female	51-60 year: Tertiary	Commercial	
Vivian osei Kasoa (Awutu Senya E: Female	51-60 year: Secondary	Commercial	
Victoria oda Kasoa (Awutu Senya E: Female	41-50 year: Tertiary	Commercial	
Elisha asare Kasoa (Awutu Senya E: Male	31-40 year: Secondary	Commercial	
Josh Smith Kasoa (Awutu Senya E: Male	31-40 year: Secondary	Commercial	
Victor oda Kasoa (Awutu Senya E: Male	51-60 year: Tertiary	Commercial	
Roland Bro Winneba (Effutu Muni Male	31-40 year: Tertiary	Civil Servant	
Kwabena A Winneba (Effutu Muni Male	31-40 year: Never Educ	Agriculture	Self owned
Amanda Tu Winneba (Effutu Muni Female	31-40 year: Secondary	Commercial	
Vanessa Af Winneba (Effutu Muni Female	31-40 year: Secondary	Agriculture	Employed
William Efa Winneba (Effutu Muni Male	31-40 year: Tertiary	Others Spe	Student
Ekow Brew Winneba (Effutu Muni Male	41-50 year: Basic	Commercial	
Joseph Ann Winneba (Effutu Muni Male	41-50 year: Secondary	Agriculture	Employed
Ama Kram Winneba (Effutu Muni Female	31-40 year: Basic	Commercial	
Constance Winneba (Effutu Muni Female	31-40 year: Secondary	Commercial	
Enoch Ankr Winneba (Effutu Muni Male	31-40 year: Secondary	Commercial	
Isaac Debe Winneba (Effutu Muni Male	31-40 year: Basic	Agriculture	Self owned
Derrick Obi Winneba (Effutu Muni Male	31-40 year: Tertiary	Civil Servant	
Eric sackey Kasoa (Awutu Senya E: Male	41-50 year: Tertiary	Commercial	
Clark odam Kasoa (Awutu Senya E: Male	41-50 year: Tertiary	Commercial	
Luke asare Kasoa (Awutu Senya E: Male	41-50 year: Tertiary	Commercial	
Larry odam Kasoa (Awutu Senya E: Male	41-50 year: Tertiary	Commercial	

Blessing sw Kasoa (Awutu Senya E; Female	51-60 year: Tertiary	Commercial	
Billy asare Kasoa (Awutu Senya E; Male	41-50 year: Tertiary	Commercial	
Lucy sackey Kasoa (Awutu Senya E; Female	41-50 year: Tertiary	Commercial	
Raul sackey Kasoa (Awutu Senya E; Male	41-50 year: Tertiary	Commercial	
Esther oda Kasoa (Awutu Senya E; Female	41-50 year: Tertiary	Commercial	
Sarkodie o Kasoa (Awutu Senya E; Male	51-60 year: Tertiary	Commercial	
Sena asare Kasoa (Awutu Senya E; Female	41-50 year: Tertiary	Commercial	
Nana antwi Kasoa (Awutu Senya E; Male	41-50 year: Tertiary	Commercial	
Sterling boi Kasoa (Awutu Senya E; Male	41-50 year: Tertiary	Commercial	
Leslie sacke Kasoa (Awutu Senya E; Male	21-30 year: Secondary	Commercial	
Precious as Kasoa (Awutu Senya E; Female	41-50 year: Tertiary	Commercial	
Lucille asar Kasoa (Awutu Senya E; Female	41-50 year: Tertiary	Commercial	
Lovia Sacke Kasoa (Awutu Senya E; Female	41-50 year: Never Educ	Commercial	
Giovani Kasoa (Awutu Senya E; Female	41-50 year: Tertiary	Commercial	
Eva asante Kasoa (Awutu Senya E; Female	31-40 year: Tertiary	Commercial	
Rawson as Kasoa (Awutu Senya E; Male	41-50 year: Tertiary	Commercial	
Paulo antw Kasoa (Awutu Senya E; Male	31-40 year: Tertiary	Commercial	
Dorcias asai Kasoa (Awutu Senya E; Female	41-50 year: Tertiary	Commercial	
Alicia asare Kasoa (Awutu Senya E; Female	41-50 year: Tertiary	Commercial	
Ali Khan Kasoa (Awutu Senya E; Male	41-50 year: Tertiary	Commercial	
Gloria Oda Kasoa (Awutu Senya E; Female	41-50 year: Tertiary	Commercial	
Charles Du; Winneba (Effutu Muni; Male	41-50 year: Tertiary	Commercial	
Richard Ar; Winneba (Effutu Muni; Male	41-50 year: Tertiary	Agriculture	Self owned
Bright Dun; Winneba (Effutu Muni; Male	41-50 year: Tertiary	Agriculture	Self owned
Robin sacke Kasoa (Awutu Senya E; Male	31-40 year: Secondary	Commercial	
Dos Santos Kasoa (Awutu Senya E; Male	31-40 year: Tertiary	Commercial	
Frederick o Kasoa (Awutu Senya E; Male	31-40 year: Tertiary	Commercial	
Vanessa as Kasoa (Awutu Senya E; Female	41-50 year: Tertiary	Commercial	
Adelaide ar Kasoa (Awutu Senya E; Female	41-50 year: Tertiary	Commercial	
Aba sackey Kasoa (Awutu Senya E; Female	41-50 year: Tertiary	Commercial	
Abi asare Kasoa (Awutu Senya E; Female	41-50 year: Tertiary	Commercial	
Abu asante Kasoa (Awutu Senya E; Female	51-60 year: Tertiary	Commercial	
Rahim asar Kasoa (Awutu Senya E; Male	41-50 year: Tertiary	Commercial	
Ebenezer a Kasoa (Awutu Senya E; Male	31-40 year: Tertiary	Commercial	
Dennis asai Kasoa (Awutu Senya E; Male	41-50 year: Tertiary	Commercial	
Edison sack Kasoa (Awutu Senya E; Male	31-40 year: Tertiary	Commercial	
Fredia opoi Kasoa (Awutu Senya E; Female	41-50 year: Tertiary	Commercial	
Diana odan Kasoa (Awutu Senya E; Female	41-50 year: Tertiary	Commercial	
Dorin sacke Kasoa (Awutu Senya E; Female	31-40 year: Tertiary	Commercial	
Adrian Gon Kasoa (Awutu Senya E; Female	31-40 year: Tertiary	Commercial	
Anita asare Kasoa (Awutu Senya E; Female	41-50 year: Tertiary	Commercial	
Linda sacke Kasoa (Awutu Senya E; Female	31-40 year: Tertiary	Commercial	
Sandra asai Kasoa (Awutu Senya E; Female	41-50 year: Tertiary	Commercial	
Owusu amj Kasoa (Awutu Senya E; Male	41-50 year: Tertiary	Commercial	
Rhoda Asai Winneba (Effutu Muni; Female	41-50 year: Tertiary	Commercial	
Lydia Agyin Winneba (Effutu Muni; Female	41-50 year: Tertiary	Commercial	
Daniel Abel Winneba (Effutu Muni; Male	41-50 year: Tertiary	Civil Servant	
Gloria odar Kasoa (Awutu Senya E; Female	21-30 year: Tertiary	Commercial	
Morgan As; Kasoa (Awutu Senya E; Male	31-40 year: Secondary	Commercial	
Sheriff oda Kasoa (Awutu Senya E; Female	31-40 year: Tertiary	Commercial	
Quincy oda Kasoa (Awutu Senya E; Female	41-50 year: Tertiary	Commercial	

Angela akla Kasoa (Awutu Senya E; Female	41-50 year: Tertiary	Commercial	
Ofori odam Kasoa (Awutu Senya E; Male	41-50 year: Tertiary	Commercial	
Daniel Brya Kasoa (Awutu Senya E; Female	41-50 year: Tertiary	Commercial	
Isaka sacke Kasoa (Awutu Senya E; Female	51-60 year: Tertiary	Commercial	
Kingsley as. Kasoa (Awutu Senya E; Male	31-40 year: Secondary	Commercial	
Edmon oda Kasoa (Awutu Senya E; Male	21-30 year: Secondary	Commercial	
Isaac sacke Kasoa (Awutu Senya E; Male	41-50 year: Tertiary	Commercial	
Comfort Ar Winneba (Effutu Muni; Female	51-60 year: Secondary	Civil Servant	
Francis Doe Winneba (Effutu Muni; Male	31-40 year: Secondary	Civil Servant	
Babs Ampo Winneba (Effutu Muni; Female	21-30 year: Tertiary	Civil Servant	
Margaret C Winneba (Effutu Muni; Female	21-30 year: Tertiary	Civil Servant	
Efia Konadi Winneba (Effutu Muni; Female	21-30 year: Tertiary	Commercial	
Emmanuel Winneba (Effutu Muni; Male	31-40 year: Tertiary	Civil Servant	
Cindy sarpc Winneba (Effutu Muni; Female	21-30 year: Secondary	Commercial	
Osman Nur Winneba (Effutu Muni; Male	21-30 year: Tertiary	Commercial	
Mimi ode Winneba (Effutu Muni; Female	31-40 year: Secondary	Commercial	
Howard vu Winneba (Effutu Muni; Male	41-50 year: Secondary	Commercial	
Amed Osm Winneba (Effutu Muni; Male	31-40 year: Never Educ	Agriculture	Self owned
Amina MoI Winneba (Effutu Muni; Female	41-50 year: Tertiary	Commercial	
Kate addo Winneba (Effutu Muni; Female	41-50 year: Tertiary	Commercial	
Adina asan Winneba (Effutu Muni; Female	21-30 year: Tertiary	Commercial	
Isaiah asare Winneba (Effutu Muni; Male	41-50 year: Tertiary	Commercial	
Tyson sacki Winneba (Effutu Muni; Male	31-40 year: Tertiary	Commercial	
Naa adoley Kasoa (Awutu Senya E; Female	41-50 year: Tertiary	Commercial	
Sarah safo Kasoa (Awutu Senya E; Female	41-50 year: Tertiary	Commercial	
Hammond Winneba (Effutu Muni; Male	31-40 year: Tertiary	Commercial	
Amelia add Kasoa (Awutu Senya E; Female	31-40 year: Tertiary	Commercial	
Ameka asaI Winneba (Effutu Muni; Female	41-50 year: Secondary	Commercial	
Richmond i Winneba (Effutu Muni; Female	41-50 year: Tertiary	Commercial	
Raphael as; Winneba (Effutu Muni; Female	41-50 year: Tertiary	Commercial	
Sirius asare Winneba (Effutu Muni; Male	31-40 year: Tertiary	Commercial	
Rachelle as Winneba (Effutu Muni; Female	41-50 year: Tertiary	Commercial	
Lillian asan Winneba (Effutu Muni; Male	41-50 year: Tertiary	Commercial	
Tyron adjei Winneba (Effutu Muni; Female	41-50 year: Tertiary	Commercial	
Ayesha asa Winneba (Effutu Muni; Female	41-50 year: Tertiary	Commercial	
Bishop ayit Winneba (Effutu Muni; Male	31-40 year: Tertiary	Commercial	
Adye addo Winneba (Effutu Muni; Female	41-50 year: Tertiary	Commercial	
Wayne sacl Winneba (Effutu Muni; Male	51-60 year: Tertiary	Commercial	
Yaw aaare Winneba (Effutu Muni; Male	41-50 year: Tertiary	Commercial	
Milicent Winneba (Effutu Muni; Female	41-50 year: Tertiary	Commercial	
Junior asan Winneba (Effutu Muni; Female	41-50 year: Tertiary	Commercial	
Solomon Ti Winneba (Effutu Muni; Male	21-30 year: Tertiary	Civil Servant	
Nana Asied Winneba (Effutu Muni; Male	21-30 year: Secondary	Commercial	
Samuel Ga Winneba (Effutu Muni; Male	51-60 year: Secondary	Civil Servant	
Regan asar Winneba (Effutu Muni; Male	41-50 year: Tertiary	Commercial	
Gadhafi od Winneba (Effutu Muni; Male	41-50 year: Tertiary	Commercial	
Jordan sack Winneba (Effutu Muni; Male	51-60 year: Tertiary	Commercial	
Akiyama sa Winneba (Effutu Muni; Female	41-50 year: Tertiary	Commercial	
Bernard as; Winneba (Effutu Muni; Female	41-50 year: Tertiary	Commercial	

SECTION B: 6. Do you have a biogas plant? 7. If yes, what is the type of biogas plant? 8. If No, what is the main source of energy? 9. What is the size of the biogas plant? 10. Who financed the biogas plant? Others specify

No		Gas		
No		Gas		
Yes	Fixed dome		100 meter cube	Self financed
Yes	Fixed dome		90metres cube	Self financed
No		Gas		
No		Gas		
No		Wood fuel		
Yes	Fixed dome		5	Self financed
No		Gas		
No		Gas		
Yes	Fixed dome		3	Self financed
No		Gas		
No		Hydro power		
No		Gas		
No		Gas		
No		Gas		
No		Gas		
Yes	Floating drum		2	Self financed
No		Gas		
No		Gas		
No		Gas		
Yes	Fixed dome		78 metres cube	NGO
Yes	Fixed dome		150 meters cube	Self financed
No		Gas		
No		Gas		
No		Gas		
No		Gas		
No		Gas		
No		Gas		
No		Gas		
No		Gas		
Yes	Fixed dome		2	Self financed
No		Gas		
No		Gas		
Yes	Fixed dome		2	Self financed
No		Gas		
No		Gas		
Yes	Fixed dome		No idea	Self financed
Yes	Fixed dome		8feet square	NGO
Yes	Fixed dome		6feet square	Self financed
No		Gas		
Yes	Fixed dome		3×4 feet	Self financed
No		Gas		
No		Gas		
No		Gas		
No		Gas		
Yes	Floating drum		2	Self financed
No		Gas		
No		Gas		
No		Gas		

No	Hydro power
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No		Hydro power		
Yes	Fixed dome		7 feet square	Self financed
Yes	Fixed dome		6 feet square	Self financed
Yes	Fixed dome		7 feet square	NGO
No		Hydro power		
Yes	Fixed dome		50mm	Self financed
Yes	Fixed dome		50mm	Self financed
Yes	Fixed dome		50mm	Self financed

Yes	Fixed dome		50mm	Self financed
Yes	Fixed dome		50 mm	Self financed
Yes	Fixed dome		50	Self financed
Yes	Fixed dome		50	Self financed
Yes	Fixed dome		50mm	Self financed
Yes	Fixed dome		50mm	Self financed
Yes	Fixed dome		50mm	Self financed
Yes	Floating drum		68 meters cube	Self financed
No		Gas		
Yes	Floating drum		6feet	Self financed
No		Gas		
Yes	Fixed dome		No idea	Self financed
Yes	Fixed dome		6 feet	Self financed
Yes	Fixed dome		9 feet	Self financed
Yes	Floating drum		5feet	Self financed
Yes	Fixed dome		5 feet	Self financed
Yes	Fixed dome		6 feet	Self financed
Yes	Floating drum		5 feet	Self financed
Yes	Fixed dome		1500	Self financed
Yes	Fixed dome		1500	Self financed
Yes	Fixed dome		1500	Self financed
Yes	Fixed dome		1500	Self financed
Yes	Fixed dome		1500	Self financed
Yes	Fixed dome		1500	Self financed
Yes	Fixed dome		It's cheaper	Self financed
Yes	Fixed dome		1500	Self financed
Yes	Fixed dome		1500	Self financed
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Yes	Fixed dome		1500	Self financed
Yes	Fixed dome		1500	Self financed
Yes	Fixed dome		1500	Self financed
Yes	Fixed dome		100mm	NGO
Yes	Fixed dome		Huge	NGO
Yes	Fixed dome		78 meters cube	Self financed
No		Hydro power		
No		Hydro power		
No		Hydro power		
No		Hydro power		
No		Hydro power		

11. Are you 12. If yes, v 13. What y 14. Why dc 14. Why dc 14. Why dc 14. Why dc 14. Why dc 14. Why dc

Yes	7500	2019 Time spent	0	0	0	1	1
Yes	4200	2017 Reduces co	0	1	1	1	1
Yes	2000	2018 Reduces co	0	0	0	0	0
Yes	2000	2020 Generates	0	1	0	0	0
Yes	1500	2018 Low cost in	1	1	0	1	0
No		2015 Generates	1	1	1	1	1
Yes	1000	2020 Reduces co	0	1	1	1	1
No		2017 Generates	0	1	1	1	1
No		2019 Generates	0	1	0	0	1
No		2016 Reduces co	0	1	0	0	0
No		2013 Generates	0	1	1	1	1
Yes	8000	2016 Generates	0	1	1	1	1
Yes	1200	2021 Easy to ma	0	0	1	0	0
Yes	2500	2020 Reduces co	0	1	0	0	0

Yes	7000	2012 Generates	0	1	0	1	1
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Yes	5000	2013 Generates	0	1	1	1	1
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Yes	5000	2016 Generates	0	1	1	1	1
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No		2017 Generates	0	1	0	1	1
Yes	7000	2019 Time spent	0	1	0	1	1
Yes	10000	2017 Easy to ma	0	1	1	1	1
Yes	1500	2018 Reduces co	0	0	0	0	0
Yes	1500	2018 Reduces co	0	0	0	0	0
No		2018 Reduces co	0	0	0	0	0

Yes	1500	2018 Reduces co	0	0	0	0	0
Yes	1500	2018 Reduces co	0	0	0	0	0
No		2018 Reduces co	0	0	0	0	0
Yes	1500	2018 Reduces co	0	0	0	0	0
Yes	1500	2018 Reduces co	0	0	0	0	0
Yes	1500	2018 Reduces co	0	0	0	0	0
Yes	1500	2018 Reduces co	0	0	0	0	0
Yes	5320	2019 Time spent	0	1	1	1	1
Yes	7000	2010 Time spent	0	0	0	1	1
No		2018 Generates	0	1	0	0	0
Yes	7000	2016 Generates	0	1	1	0	0
Yes	8000	2016 Reduces co	0	1	1	0	0
Yes	6000	2012 Reduces co	0	0	1	1	1
Yes	7000	2010 Reduces co	0	0	0	1	1
Yes	7000	2011 Easy to ma	0	0	1	1	1
Yes	6000	2011 Reduces co	0	0	1	1	1
No		2018 Reduces co	0	0	0	0	0
No		2018 Reduces co	0	0	0	0	0
No		2018 Reduces co	0	0	0	0	0
No		2018 Reduces co	0	0	0	0	0
No		2018 Reduces co	0	0	0	0	0
No		2018 Reduces co	0	0	0	0	0
No		2018 Reduces co	0	0	0	0	0
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No		2018 Reduces co	0	0	0	0	0
No		2018 Reduces co	0	0	0	0	0
No		2018 Reduces co	0	0	0	0	0
No		2020 Generates	0	1	0	0	0
No		2017 Low cost in	1	1	0	0	0
Yes	4000	2017 Reduces co	1	1	1	1	1

14. Why dc 14. Why dc Other biog; 15. What d 15. What d 15. What d 15. What d 15. What d Other biog;

1	0	Cooking	1	0	0	0
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1	0	Cooking	1	0	0	0
1	0	Cooking Lig	1	1	0	0
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1	0	Cooking	1	0	0	0
1	0	Cooking Lig	1	1	0	0
1	0	Cooking Lig	1	1	0	0
1	0	Cooking Lig	1	1	0	0
1	0	Cooking Lig	1	1	0	0
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16. Which r 17. What b 17. What b 17. What b 17. What b 17. What b 18. Which t 18. Which t 18. Which t

Hydro elect	Biogas cool	1	1	0	0	Human waste	0	0
Charcoal	Biogas stove	1	1	0	0	Kitchen waste	0	0

Hydro power	Biogas stove	0	1	0	0	Human waste	0	0
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No idea	Biogas cool	1	0	0	0	Human waste	0	0
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No idea	Biogas stove	0	1	1	0	Human waste	0	0
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Hydro elect	Biogas lamp	0	0	1	0	Human waste	0	1
Hydro	Biogas stove	0	1	0	0	Human waste	0	0

No idea	Biogas cool	1	0	0	0	Human waste	0	0
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No idea	Biogas stove	0	1	0	0	Human waste	0	0
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No idea	Biogas stove	0	1	0	0	Human waste	0	0
LPG	Biogas lamp	1	0	1	0	Animal waste	0	1
Lpg	Biogas cool	1	1	1	1	Crop waste	1	1

Hydroelect	Biogas stove	0	1	0	0	Human waste	0	0
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No idea	Biogas stove	0	1	0	0	Human waste	0	0
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Gas	Biogas stove	0	1	1	0	Human waste	0	0
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Gas	Biogas stove	0	1	1	0	Human waste	0	0
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Hydro	Biogas stov	0	1	0	0	Human wa:	0	0
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Hydro	Biogas stove	0	1	0	0	Human waste	0	0
Gas	Biogas lamp	0	0	1	1	Human waste	0	0
Hydro	Biogas stove	0	1	0	0	Human waste	0	0
Hydropower	Biogas cooling	1	0	0	0	Human waste	0	0
Hydro power	Biogas cooling	1	0	0	0	Human waste	0	0
Hydropower	Biogas cooling	1	0	0	0	Human waste	0	0

Hydropowe	Biogas cool	1	0	0	0 Human wa	0	0
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1	0 It is cheape	0	0	1	0
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1	0 It is cheape	0	0	1	0
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1	0 It is cheape	0	0	1	0
1	0 It is cheape	0	0	1	0
1	0 It is readily	0	1	0	0
1	0 It is cheape	0	1	1	0
1	0 It is cheape	0	1	1	0

Hydro pow

Hydro pow

Hydro pow

Hydro pow

Hydro pow

Hydro pow

Hydro pow

20.1 Which	20.2 Which	20.3 Why d	SECTION C: I	Socio-Econ	C1.1 Reduc	C1.2 Time s	C1.3 Wome	C1.4 Create
Others	Hydro Pow	That is what is available			5	5	5	3
Others	Hydro Pow	LPG is clean and reduce cooking ti			5	5		3
					5	5	5	5
					5	5	5	5
Hydro Pow	Hydro Pow	They are easy to get			5	5	5	5
Hydro Pow	Hydro Pow	Easy to get			5	3	5	5
Biomass (w/o	Hydro Pow	That what is available			5	5	5	5
					5	5	5	5
Hydro Pow	Hydro Pow	That what available			5	5	5	5
Hydro Pow	Hydro Pow	That what available on the market			5	5	5	5
					5	5	5	5
Hydro Pow	Hydro Pow	Easy to get			5	5	5	5
Hydro Pow	Hydro Pow	It's easy to use			5	5	5	5
Hydro Pow	Hydro Pow	That what available			5	5	5	5
Hydro Pow	Hydro Pow	Cheap on the market			5	5	5	5
Hydro Pow	Hydro Pow	It pocket friendly			5	5	5	5
Hydro Pow	Hydro Pow	Available on the market			5	5	5	5
					5	5	5	5
Others	Hydro Pow	It's convenient			5	5	5	5
Others	Hydro Pow	Because it is what is available			5	5	5	5
Hydro Pow	Hydro Pow	Available on the market			5	5	5	5
					5	5	5	5
					5	5	5	5
Others	Hydro Pow	They are readily available			4	4	5	5
Others	Hydro Pow	Its the one provided by the govern			4	4	5	5
Others	Hydro Pow	Readily available			5	5	5	5
Others	Hydro Pow	That's what I can afford			4	4	4	4
Others	Hydro Pow	Accessible			5	5	5	5
Others	Hydro Pow	Affordable			5	5	5	5
Others	Hydro Pow	Accessible			5	5	5	5
Hydro Pow	Hydro Pow	It is pocket friendly			5	5	5	5
					5	5	5	5
Hydro Pow	Hydro Pow	It available and cheap			5	5	5	5
Hydro Pow	Hydro Pow	That what available			5	5	5	5
					5	5	5	5
Hydro Pow	Hydro Pow	Available on the market			5	5	5	5
Hydro Pow	Hydro Pow	That what mostly available on the			5	5	5	5
					5	5	4	4
					5	5	4	5
Biomass (w/o	Hydro Pow	Cheaper			5	5	5	5
					5	5	5	5
Others	Hydro Pow	Readily available			5	5	5	5
Others	Hydro Pow	Less expensive			5	5	5	5
Others	Hydro Pow	Its the energy source provided by			5	5	5	5
Hydro Pow	Hydro Pow	Easy to get on the market			5	5	5	5
					5	5	5	5
Others	Hydro Pow	That is available			2	2	2	3
Others	Hydro Pow	There are very little alternatives to			5	5	5	5
Others	Hydro Pow	They are readily available			5	5	5	5

Others	Solar System Dependable	5	5	5	5
Others	Hydro Power Readily available	5	5	5	5
Others	Hydro Power Readily available	5	5	5	5
Others	Hydro Power Its cheaper	5	5	5	5
		5	5	5	4
Biomass (w/ Hydro Power Its the source I can afford		4	4	5	5
Others	Hydro Power Its easy to get even though expensive	5	5	5	5
Biomass (w/ Hydro Power Because it is the only available source		5	5	5	5
Biomass (w/ Hydro Power It is the available source		5	3	5	5
Others	Hydro Power It is easily available	5	4	5	5
Biomass (w/ Hydro Power Its the available energy source		5	5	5	5
Biomass (w/ Biomass (w/ That is the only source of energy ;		5	5	5	5
Biomass (w/ Biomass (w/ The only source of energy available		5	5	5	5
Biomass (w/ Hydro Power Easily available		5	5	5	5
Biomass (w/ Hydro Power Its cheap and accessible		5	5	5	5
Biomass (w/ Biomass (w/ Only energy source		5	3	5	5
Biomass (w/ Biomass (w/ Because that is the only energy source		5	3	5	5
Biomass (w/ Biomass (w/ Only energy source		5	3	5	5
Biomass (w/ Hydro Power Its cheap		5	5	5	5
Biomass (w/ Hydro Power Was provided by the government		5	3	5	5
Biomass (w/ Hydro Power Its the only available option		5	5	5	5
Biomass (w/ Hydro Power Very easy to get		4	4	4	4
Biomass (w/ Hydro Power I can't afford other sources of energy		5	5	5	5
Biomass (w/ Hydro Power Its available everywhere		5	5	5	5
Biomass (w/ Hydro Power Its always available		5	5	5	5
Biomass (w/ Hydro Power Its the available source of energy		5	5	5	5
Biomass (w/ Hydro Power Its available to all		5	5	5	5
Biomass (w/ Hydro Power This type of energy is available and		5	5	5	5
Biomass (w/ Hydro Power Its affordable		5	5	5	5
Biomass (w/ Hydro Power Easily available and affordable		5	5	5	5
Others	Hydro Power Its convenient and quick to use	5	5	5	5
Biomass (w/ Hydro Power It is the only source of energy used		5	5	5	5
Biomass (w/ Hydro Power Because I have no knowledge about		5	5	5	5
Biomass (w/ Hydro Power It is the only available energy source		5	5	5	5
Biomass (w/ Hydro Power I have no alternate sources		5	5	5	5
Hydro Power Biomass (w/ I have no access to alternate sources		5	5	5	5
Biomass (w/ Hydro Power It is a dependable source of energy		5	5	5	5
		4	5	4	4
Others	Hydro Power Its readily available	5	5	5	5
Biomass (w/ Hydro Power Its readily available		5	5	5	5
Others	Hydro Power Its readily available	5	5	5	5
Others	Hydro Power It is readily available	5	5	5	5
Biomass (w/ Hydro Power Its cheaper		5	5	5	5
Others	Hydro Power Readily available	5	5	5	5
Others	Hydro Power Its cheaper	5	5	5	5
Others	Hydro Power Its readily available	5	5	5	5
Biomass (w/ Hydro Power Its cheaper and readily available		5	5	5	5
Others	Hydro Power Its readily available	5	5	5	5
Others	Hydro Power Its readily available	5	5	5	5
Hydro Power	Hydro Power Its cheaper	5	5	5	5
Others	Hydro Power Its readily available	5	5	5	5

Others	Hydro Pow Its readily available	5	5	5	5
Others	Hydro Pow Its readily available	5	5	5	5
		5	5	5	4
Others	Hydro Pow Its readily available	5	5	5	5
Others	Hydro Pow Its provided by the government	5	4	4	5
Others	Hydro Pow Its the source provided by the gov	4	4	4	4
Others	Hydro Pow Its readily available	5	4	4	4
Others	Hydro Pow Its provided by the government	1	2	2	5
Others	Hydro Pow There is very little affordable alter	5	5	5	5
Others	Hydro Pow Readily available	5	5	5	5
Biomass (w/	Hydro Pow It's cheaper and easy to get	5	5	5	5
Fuel Gener	Hydro Pow The most common one	2	3	3	3
Hydro Pow	Fuel Gener Electric stove	1	2	2	3
Hydro Pow	Hydro Pow Easy to find	5	5	4	4
Hydro Pow	Hydro Pow Accessibility	1	1	5	5
Hydro Pow	Hydro Pow Accessible	5	5	5	5
Hydro Pow	Hydro Pow Its easy to find	2	2	3	2
Hydro Pow	Hydro Pow Common	2	2	2	2
Hydro Pow	Hydro Pow Easy to find	3	2	3	1
Hydro Pow	Hydro Pow Its common	3	3	3	3
Hydro Pow	Hydro Pow Easy to use	2	4	4	2
Hydro Pow	Hydro Pow Easy to use	2	3	4	3
Hydro Pow	Hydro Pow Its common	2	3	4	3
Hydro Pow	Hydro Pow Its accessible	3	4	2	3
Hydro Pow	Hydro Pow Its common	2	3	3	2
Hydro Pow	Hydro Pow Its common	3	2	3	2
Hydro Pow	Hydro Pow Its common	2	4	3	3
Hydro Pow	Hydro Pow Its common	3	2	4	2
Hydro Pow	Hydro Pow Its common	3	2	3	4
Hydro Pow	Hydro Pow Its common	3	2	4	3
Hydro Pow	Hydro Pow Its is easy to use	3	2	4	2
Hydro Pow	Hydro Pow Its common	3	4	2	3
Hydro Pow	Hydro Pow Its common	2	3	4	2
Hydro Pow	Hydro Pow It's common	2	3	4	2
Hydro Pow	Hydro Pow It's common	3	2	2	4
Hydro Pow	Hydro Pow It's common	2	4		2
Hydro Pow	Hydro Pow It's common	2	4	2	3
Hydro Pow	Hydro Pow It's common	4	2	3	4
Hydro Pow	Hydro Pow It's common	2	3	2	4
Hydro Pow	Hydro Pow It's common	3	2	4	2
Hydro Pow	Hydro Pow It's common	3	2	4	2
Hydro Pow	Hydro Pow Easy to use	3	4	2	4
Hydro Pow	Hydro Pow It's common	3	2	4	2
Hydro Pow	Hydro Pow It's common	2	4	3	2
Hydro Pow	Hydro Pow It's common	2	4	2	3
Hydro Pow	Hydro Pow It's common	2	4	2	3
Hydro Pow	Hydro Pow It's accessible	2	3	4	2
Hydro Pow	Hydro Pow It's common	2	4	3	2
Hydro Pow	Hydro Pow It's common	3	2	2	4
Hydro Pow	Hydro Pow It's common	2	3	4	2
Hydro Pow	Hydro Pow It's common	2	4	3	4

Hydro Pow Hydro Pow It's common	3	2	4	3
Hydro Pow Hydro Pow It's easy to use	3	4	2	2
Hydro Pow Hydro Pow It's common	2	3	2	3
Hydro Pow Hydro Pow It's common	2	3	4	2
Hydro Pow Hydro Pow It's common	2	3	2	4
Hydro Pow Hydro Pow It's common	2	3	4	2
Hydro Pow Hydro Pow It's common	2	4	2	3
Hydro Pow Hydro Pow It's common	2	4	3	2
Hydro Pow Hydro Pow It's common	2	3	4	2
Hydro Pow Hydro Pow It's common	2	4	3	2
Hydro Pow Hydro Pow It's common	2	4	3	2
Hydro Pow Hydro Pow It's common	2	3	4	2
Hydro Pow Hydro Pow It's common	2	4	3	2
Hydro Pow Hydro Pow It's easy to use	3	4	2	3
Hydro Pow Hydro Pow It's common	3	4	2	3
Hydro Pow Hydro Pow Its common	3	3	1	2
Hydro Pow Hydro Pow It's common	2	4	3	2
Hydro Pow Hydro Pow It's common	2	4	3	4
Hydro Pow Hydro Pow It's common	3	2	4	2
Hydro Pow Hydro Pow It's common	2	3	4	2
Hydro Pow Hydro Pow It's common	2	3	4	2
Hydro Pow Hydro Pow It's easy to use	2	4	2	3
Hydro Pow Hydro Pow Its common	2	4	3	2
Hydro Pow Hydro Pow It's common	2	4	2	3
Hydro Pow Hydro Pow It's common	2	3	4	4
Hydro Pow Hydro Pow It's common	2	3	4	2
Hydro Pow Hydro Pow It's common	3	4	2	3
Hydro Pow Hydro Pow It's common	2	4	2	3
Hydro Pow Hydro Pow It's common	3	2	2	3
Hydro Pow Hydro Pow It's common	2	3	4	2
Hydro Pow Hydro Pow It's common	3	2	4	2
Hydro Pow Hydro Pow It's common	2	3	2	2
Hydro Pow Hydro Pow It's common	2	2	4	3
Hydro Pow Hydro Pow It's common	2	3	4	2
Hydro Pow Hydro Pow It's common	2	3	4	2
Others Hydro Pow Its readily available	5	5	5	4
Biomass (w/ Hydro Pow Its cheaper	5	5	5	5
Others Hydro Pow Its readily available	5	5	5	5
Biomass (w/ Hydro Pow It's cheaper	4	4	5	5
Others Hydro Pow Readily available	5	5	4	4
Others Hydro Pow Readily available	4	4	4	4
Hydro Pow Hydro Pow Readily available	4	4	4	4
Others Hydro Pow Readily available	4	5	5	4
Others Hydro Pow Its readily available	4	5	5	5
Others Hydro Pow Its readily available	5	5	5	5
Others Hydro Pow Its provided by the government	4	4	5	4
Others Hydro Pow Readily available	4	5	5	4
Hydro Pow Hydro Pow Its common	2	4	2	3
Hydro Pow Hydro Pow Its common	2	4	2	3
Hydro Pow Hydro Pow Its common	2	4	3	2
Hydro Pow Hydro Pow Its common	2	4	3	2

Hydro Pow Hydro Pow Its common	2	4	3	2
Hydro Pow Hydro Pow Its common	2	4	3	4
Hydro Pow Hydro Pow Its common	2	4	3	2
Hydro Pow Hydro Pow Its common	2	4	3	2
Hydro Pow Hydro Pow Its common	2	4	2	3
Hydro Pow Hydro Pow It's common	2	2	3	4
Hydro Pow Hydro Pow Its common	2	4	3	2
Hydro Pow Hydro Pow Its common	2	4	3	2
Hydro Pow Hydro Pow Its Common	2	4	3	2
Hydro Pow Hydro Pow Its common	2	3	4	2
Hydro Pow Hydro Pow Its Common	2	4	3	2
Hydro Pow Hydro Pow Its common	2	4	3	2
Hydro Pow Hydro Pow Its common	2	4	3	2
Hydro Pow Hydro Pow Its common	2	4	3	2
Hydro Pow Hydro Pow It's common	2	4	2	3
Hydro Pow Hydro Pow It's common	2	4	2	3
Hydro Pow Hydro Pow It's common	2	2	4	4
Hydro Pow Hydro Pow It's common	2	1	2	4
Hydro Pow Hydro Pow It's Common	2	4	2	3
Hydro Pow Hydro Pow Its common	2	4	2	3
Hydro Pow Hydro Pow Its common	2	2	4	3
Others Hydro Pow Its dependable	5	4	4	4
Others Hydro Pow Readily available	4	5	4	4
Others Hydro Pow Its readily available	4	4	4	4
Hydro Pow Hydro Pow Its common	2	4	3	3
Hydro Pow Hydro Pow Its common	2	4	3	2
Hydro Pow Hydro Pow Its common	2	4	3	2
Hydro Pow Hydro Pow Its common	2	4	3	2
Hydro Pow Hydro Pow Its Common	2	4	3	2
Hydro Pow Hydro Pow Its commmon	2	3	4	2
Hydro Pow Hydro Pow Its common	2	4	3	2
Hydro Pow Hydro Pow Its common	2	4	3	2
Hydro Pow Hydro Pow Its common	2	4	3	2
Hydro Pow Hydro Pow Its common	2	4	3	2
Hydro Pow Hydro Pow Its common	2	4	3	2
Hydro Pow Hydro Pow Its common	2	4	3	2
Hydro Pow Hydro Pow Its common	2	4	3	2
Hydro Pow Hydro Pow Its common	2	4	3	2
Hydro Pow Hydro Pow Its common	2	4	3	2
Hydro Pow Hydro Pow Its common	2	4	2	3
Hydro Pow Hydro Pow Its common	2	2	3	2
Hydro Pow Hydro Pow Its common	2	4	3	2
Hydro Pow Hydro Pow Its Common	2	4	2	3
Hydro Pow Hydro Pow Its common	2	4	3	2
	5	5	5	5
	4	4	5	5
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Hydro Pow Hydro Pow Its Common	2	4	3	2
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	2	4	2	4
	2	4	2	2

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	2	4	2	2
	5	5	5	5
Hydro Pow Hydro Pow It is easy to get	5	5	5	5
	5	5	5	5
Hydro Pow Hydro Pow Because that what available on th	5	5	5	5
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	5	5	5	5
	5	5	5	5
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	2	4	3	2
	2	4	2	3
	2	4	3	2
	3	2	1	5
	2	4	3	1
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Hydro Pow Hydro Pow Its common	3	4	3	2
Hydro Pow Hydro Pow Its common	2	4	2	3
Hydro Pow Hydro Pow Its common	2	4	2	3
Hydro Pow Hydro Pow Its common	2	4	2	3
Hydro Pow Hydro Pow It's common	4	2	3	2

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2	4	2	3	2	4	3
3	2	3	4	2	3	4
2	4	2	3	2	4	2
2	4	3	2	2	4	2
2	4	2	2	4	2	3
2	4	2	3	2	4	2
2	4	2	3	4	2	3
2	4	2	3	2	4	2
4	3	2	4	2	4	2
4	2	3	2	4	2	3
2	2	4	2	3	2	4
2	4	2	3	2	4	3
1	5	5	5	5	3	4
2	3	4	2	2	3	3
5	5	5	5	5	5	5
4	3	2	4	2	4	3
2	4	2	3	2	4	2
2	4	2	3	3	4	2
2	4	2	3	2	2	3
4	2	3	2	4	2	3

C3.1 Increa	C3.2 Reduc	C3.3 Serve	SECTION D: 21. Access	21.1 State	22. Access	22.1 State	23. What o
5	5	5	Strongly Ag	Never hear	Strongly Ag	Beacsue i	didn't know
5	5	5	Strongly Ag	I heard of	Strongly Ag	Like I said	i don't know
5	5	5	Strongly Ag	Because I a	Strongly Ag	People don	N/A
5	5	5	Strongly Ag	I had a diffi	Strongly Ag	Very little	€ N/A
5	5	5	Strongly Ag	People bar	Strongly Ag	Peace dont	really enga
4	5	5	Agree	People don	Agree	Difficult to	get hold of
5	5	5	Agree	People don	Agree	There are no	experts to
5	5	5	Agree	The youth	Agree	It difficult	t Governmer
5	5	5	Agree	Programs a	Agree	It difficult	to get hold o
5	5	5	Agree	People don	Agree	I barely see	anyone wh
5	5	5	Strongly Ag	NGO's don	Agree	It difficult	t None
5	5	5	Strongly Ag	People don	Strongly Ag	Difficult to	get hold of
5	5	5	Agree	Easy to use	Agree	It's faster	
5	5	5	Agree	People don	Agree	It hard to	get hold of e:
5	5	5	Agree	There are	Agree	Lack of expertise	
5	5	5	Agree	No educati	Agree	Hard to get	qualified p:
5	5	5	Agree	No educati	Agree	Hard to find	expertise
5	5	5	Agree	Difficult to	Agree	Difficult to	None
5	5	1	Strongly Ag	Not easy to	Strongly Ag	Difficult to	get the info
5	5	5	Strongly Ag	Not a comr	Strongly Ag	Because I don't	hear of
5	5	5	Agree	People bar	Agree	It difficult	to get expert
5	5	5	Disagree	There is inf	Agree	Few techni	N/A
4	5	5	Agree	There are	Agree	The statem	Procuring tl
4	5	5	Strongly Ag	There are	Strongly Ag	Statement is	true
5	5	5	Strongly Ag	There are	Strongly Ag	Experts are	scarce
5	5	5	Strongly Ag	Expert kno	Strongly Ag	Its the reason	I haven't
3	1	5	Agree	It is true	Strongly Ag	The number of	experts
4	5	5	Agree	There are	Strongly Ag	Statement is	true
4	4	5	Disagree	There is m	Strongly Ag	There are very	little nu
3	5	5	Agree	There is no	Strongly Ag	No expert in	my comm
5	5	5	Agree	Lack of adv	Agree	It hard to	find expertise
5	5	5	Agree	People bar	Agree	It difficult	t None
5	5	5	Agree	We barely	Agree	Hard to get	expects
5	5	5	Agree	I barely see	Agree	It difficult	to get hold o
5	5	5	Agree	People bar	Agree	It is difficul	Cost of inst
5	5	5	Agree	I haven't	Agree	It difficult	to get hold o
5	5	5	Agree	Barely adv	Agree	Difficult to	get hold of
5	5	5	Agree	People don	Agree	It difficult	t Cost of inst
4	5	5	Strongly Ag	Informatio	Strongly Ag	Inadequate	Maintenan
4	4	4	Strongly Ag	Inadequate	Strongly Ag	Inadequate	Setup expe
5	5	5	Agree	They are di	Strongly Ag	Very little	number of e
5	5	5	Strongly Ag	Statement	Strongly Ag	Experts are	Financial Cc
5	5	5	Strongly Ag	Statement	Strongly Ag	The number of	experts
3	5	5	Agree	Statement	Agree	Very little	number of e
5	5	5	Disagree	Funds is a	Agree	Statement is	true
5	5	5	Agree	People don	Agree	It difficult	to get expert
5	5	5	Strongly Ag	Because pe	Strongly Ag	Because if	None
2	2	2	Disagree	Available	Disagree	Xheapt	
4	5	5	Agree	Statement	Strongly Ag	Statement is	true
2	4	5	Strongly Ag	Statement	Strongly Ag	Statement is	true

4	5	5	Agree	Statement	Strongly Ag	Statement is valid
5	5	5	Strongly Ag	Statement	Strongly Ag	Statement is true
5	5	5	Strongly Ag	We have ju	Strongly Ag	Statement is true
5	5	5	Strongly Ag	Statement	Strongly Ag	Statement is true
4	4	4	Agree	Inadequate	Agree	Inadequate High cost o
4	5	5	Strongly Ag	Yes its true	Strongly Ag	There are no technical
5	5	5	Strongly Ag	Very little i	Strongly Ag	Didn't hear about it mu
3	5	5	Strongly Ag	Most peop	Agree	The technical experts a
5	5	5	Strongly Ag	I am not av	Agree	The technical experts a
4	5	5	Strongly Ag	Biogas is nc	Strongly Ag	Experts in biogas are fe
5	5	5	Strongly Ag	Has no kno	Strongly Ag	The technical experts a
5	5	5	Strongly Ag	Because th	Strongly Ag	They don't technical ki
5	5	5	Strongly Ag	No knowle	Strongly Ag	No technical expertise
3	5	5	Strongly Ag	I do not ha	Strongly Ag	Technical experts are u
3	5	5	Strongly Ag	Most peop	Strongly Ag	We don't have access t
4	5	5	Strongly Ag	There is no	Strongly Ag	No experts
5	5	5	Strongly Ag	There are r	Strongly Ag	No technical knowledg
5	5	5	Strongly Ag	People do	Strongly Ag	No technical expertise
3	5	5	Strongly Ag	Biogas is nc	Strongly Ag	Biogas is not common
5	5	5	Strongly Ag	Biogas is nc	Strongly Ag	Would have to go to th
5	5	5	Strongly Ag	I have no k	Strongly Ag	The technical experts a
4	5	5	Agree	I have no k	Agree	Availability of technica
3	5	5	Strongly Ag	I have no k	Strongly Ag	I don't have any knowl
5	5	5	Agree	Biogas is sc	Agree	Technical experts are c
5	5	5	Agree	Biogas is nc	Agree	Experts are not availab
5	5	5	Agree	Biogas is sc	Agree	Hardly do we have any
5	5	5	Strongly Ag	Biogas is nc	Strongly Ag	I have no knowledge o
5	5	5	Agree	Biogas tech	Strongly Ag	Biogas technology is nc
5	5	5	Agree	Biogas kno	Agree	Experts might be exper
3	5	5	Agree	Little is knc	Agree	Limited experts availab
3	5	5	Strongly Ag	There is litt	Strongly Ag	Technical experts in th
5	5	5	Strongly Ag	Education c	Strongly Ag	Limited or few experts
3	5	3	Strongly Ag	I have no k	Strongly Ag	I have no technical exp
5	5	5	Strongly Ag	I have no a	Strongly Ag	I have no knowledge al
5	5	5	Strongly Ag	I have no k	Strongly Ag	I have no access to any
5	5	5	Strongly Ag	I have no k	Strongly Ag	I have no access to any
5	5	5	Agree	Biogas kno	Agree	Technical experts may
4	5	5	Agree	Inadequate	Agree	Inadequate Expensive t
5	5	5	Strongly Ag	Statement	Strongly Ag	Statement is true
5	5	5	Strongly Ag	Statement	Strongly Ag	Statement is true
5	5	5	Strongly Ag	Statement	Strongly Ag	Statement is true
4	5	5	Strongly Ag	Statement	Strongly Ag	Statement is true
3	5	5	Agree	Statement	Strongly Ag	Statement is true
4	5	5	Agree	Statement	Strongly Ag	Statement is true
5	5	5	Strongly Ag	The statem	Strongly Ag	The statement is true
5	5	5	Strongly Ag	Statement	Strongly Ag	Statement is true
3	5	5	Strongly Ag	Statement	Agree	Statement is true
5	5	5	Agree	Statement	Agree	Statement is true
5	5	5	Agree	Statement	Agree	Statement is true
5	5	5	Agree	Statement	Agree	Statement is true
4	5	5	Agree	Statement	Agree	Statement is true

4	4	4	Agree	Statement	Agree	Statement is true
4	5	5	Agree	Statement	Agree	Statement is true
4	5	5	Agree	Inadequate	Agree	Inadequate Expensive
5	5	5	Agree	Its the reas	Agree	Statement is true
5	5	5	Agree	Statement	Agree	Statement is true
4	4	5	Agree	Statement	Agree	Statement is true
4	4	5	Agree	Statement	Agree	Statement is true
5	4	4	Agree	Statement	Agree	Statement is true
4	5	5	Agree	Statement	Agree	Statement is true
4	4	4	Agree	Statement	Agree	Statement is true
5	5	5	Strongly Ag	Because i a	Strongly Ag	Don't know anyone wii
3	4	3	Agree	We want s	Strongly Ag	None around
3	2	5	Agree	No awaren	Agree	Don't know
3	2	1	Strongly Ag	True	Strongly Ag	True
3	6	4	Agree	True	Agree	True
4	3	3	Disagree	Its not com	Disagree	Not common
3	3	2	Strongly Di	Not interes	Disagree	Don't want one
1	1	1	Disagree	I haven't se	Disagree	Same as other
3	1	1	Strongly Di	I can't tell	Disagree	I can't tell
2	4	2	Disagree	Don't know	Disagree	Don't know about then
3	3	2	Disagree	Don't know	Disagree	Don't know
2	3	2	Disagree	Can't tell	Disagree	Don't know
4	2	3	Disagree	Can't tell	Disagree	Don't know
4	2	3	Disagree	Don't know	Disagree	Can't tell
2	3	2	Disagree	Don't know	Disagree	Don't know
3	2	3	Disagree	Don't know	Disagree	Can't tell
2	1	3	Strongly Ag	We don't s	Strongly Ag	True
3	3	4	Disagree	Can't tell	Disagree	Can't tell
3	2	4	Disagree	Can't tell	Disagree	Can tell
2	3	4	Disagree	Can tell	Disagree	Don't know
2	3	4	Disagree	Can't tell	Disagree	Can tell
3	2	4	Disagree	Can tell	Disagree	Can tell
2	3	4	Disagree	Can't tell	Disagree	Can't tell
3	2	4	Disagree	Can't tell	Disagree	Don't know
2	3	4	Disagree	Can tell	Disagree	Can tell
2	4	3	Disagree	Can tell	Disagree	Don't know
2	3	4	Disagree	Can tell	Disagree	Can tell
2	3	4	Disagree	Can tell	Disagree	Can tell
2	4	2	Disagree	Can tell	Disagree	Can tell
3	3	3	Disagree	Can tell	Disagree	Can tell
3	2	4	Disagree	Can tell	Disagree	Don't know
2	3	4	Disagree	Call tell	Disagree	Can tell
4	2	3	Disagree	Can tell	Disagree	Don't know
2	4	2	Disagree	Can tell	Disagree	Don't know
2	3	4	Disagree	It's commo	Disagree	Don't know
3	3	3	Disagree	Can tell	Disagree	Don't know
3	3	2	Disagree	Don't know	Disagree	Can tell
2	3	2	Disagree	Don't know	Disagree	Can tell
3	2	4	Disagree	Can tell	Disagree	Don't know
2	4	2	Disagree	Can tell	Disagree	Can tell
2	3	4	Disagree	Can tell	Disagree	Moses darko

2	2	3	Disagree	Can tell	Disagree	Can tell
2	4	2	Disagree	Can tell	Disagree	Can't tell
4	2	3	Disagree	Can tell	Disagree	Don't know
2	4	2	Disagree	Can tell	Disagree	Don't know
2	3	4	Disagree	Can tell	Agree	Can tell
3	2	4	Disagree	Can tell	Disagree	Don't know
4	2	2	Disagree	Can tell	Disagree	Can tell
2	3	4	Disagree	Can tell	Disagree	Can't tell
2	3	4	Disagree	Can tell	Disagree	Can't tell
2	3	4	Disagree	Can tell	Disagree	Don't know
4	2	3	Disagree	Can tell	Disagree	Don't know
2	4	2	Disagree	Can tell	Agree	Can tell
2	4	2	Disagree	Can tell	Disagree	Can tell
2	3	4	Disagree	Can tell	Disagree	Can't tell
3	4	2	Disagree	Can tell	Disagree	Can tell
4	2	3	Disagree	Can tell	Disagree	Can tell
3	4	2	Disagree	Can tell	Disagree	Don't know
2	3	2	Disagree	Can tell	Disagree	Can tell
2	3	2	Disagree	Can tell	Disagree	Can tell
3	2	3	Disagree	Can tell	Disagree	Can tell
4	4	3	Disagree	Can tell	Disagree	Can tell
2	4	2	Disagree	Can tell	Disagree	Can't tell
3	2	4	Disagree	Can tell	Agree	Can tell
2	4	2	Agree	Can tell	Disagree	Can tell
3	2	3	Disagree	Can tell	Disagree	Can tell
2	4	3	Disagree	Can tell	Agree	Can tell
4	2	3	Disagree	Can tell	Disagree	Can tell
2	3	3	Disagree	Can tell	Agree	Can tell
3	2	3	Disagree	Can tell	Agree	Can't tell
3	2	2	Disagree	Can tell	Disagree	Can't tell
3	2	4	Disagree	Can tell	Disagree	Can tell
2	2	3	Disagree	Can tell	Agree	Can't tell
4	2	3	Disagree	Can tell	Agree	Can tell
3	2	4	Disagree	Can tell	Disagree	Can tell
2	4	3	Disagree	Can tell	Agree	Can tell
5	5	5	Agree	Statement	Agree	Statement is true
5	5	5	Agree	Statement	Agree	Statement is true
5	4	5	Agree	Statement	Agree	Statement is true
5	5	5	Agree	Statement	Strongly Ag	Statement is true
4	5	5	Agree	Statement	Strongly Ag	Statement is true
4	4	5	Strongly Ag	Its true	Strongly Ag	Statement is true
5	5	5	Agree	Statement	Agree	Statement is true
5	5	4	Agree	Statement	Strongly Ag	Statement is true
5	4	4	Agree	Statement	Agree	Statement is true
4	5	5	Agree	Statement	Agree	Statement is true
5	5	4	Agree	Statement	Agree	Statement is true
5	4	5	Agree	Statement	Strongly Ag	Statement is true
2	4	3	Agree	Can tell	Disagree	Can tell
2	4	2	Disagree	Can tell	Disagree	Can tell
4	2	3	Disagree	Can tell	Disagree	Can tell
2	3	4	Disagree	Can tell	Disagree	Can tell

4	2	3	Disagree	Can tell	Disagree	Can tell	
3	4	2	Disagree	Can tell	Disagree	Can tell	
2	4	3	Disagree	Can tell	Disagree	Can tell	
2	4	3	Disagree	Can tell	Disagree	Can tell	
3	2	4	Disagree	Can tell	Disagree	Can tell	
2	3	4	Disagree	Can tell	Disagree	Can tell	
2	3	4	Disagree	Can tell	Disagree	Can tell	
2	4	2	Disagree	Can tell	Disagree	Can tell	
3	4	2	Disagree	Can tell	Disagree	Can tell	
4	2	3	Disagree	Can tell	Disagree	Can tell	
2	4	3	Disagree	Can tell	Disagree	Can tell	
2	3	4	Disagree	Can tell	Disagree	Can tell	
2	4	2	Disagree	Can tell	Disagree	Can tell	
2	4	3	Disagree	Can tell	Disagree	Don't know	
3	2	4	Disagree	Can tell	Disagree	Can tell	
2	4	2	Disagree	Can tell	Disagree	Can tell	
2	4	2	Disagree	Can tell	Agree	Can tell	
2	4	2	Disagree	Can tell	Agree	Can tell	
4	2	4	Disagree	Its Commo	Agree	Can tell	
2	3	4	Disagree	Can tell	Disagree	Can tell	
4	2	2	Disagree	Can tell	Agree	Can tell	
4	5	4	Agree	Statement	Agree	Statement is true	
4	4	5	Agree	Statement	Agree	Statement is true	
5	5	4	Agree	Statement	Agree	Statement is true	
3	4	3	Disagree	Can tell	Agree	Can tell	
3	2	4	Disagree	Can tell	Disagree	Can tell	
2	3	4	Disagree	Can tell	Disagree	Can tell	
2	4	3	Disagree	Can tell	Disagree	Can tell	
2	3	4	Disagree	Can tell	Disagree	Can tell	
2	4	2	Agree	Can tell	Disagree	Can tell	
2	4	2	Disagree	Can tell	Disagree	Can tell	
3	2	4	Disagree	Can tell	Disagree	Can tell	
2	4	3	Disagree	Can tell	Disagree	Can tell	
2	4	3	Disagree	Can tell	Disagree	Can tell	
3	2	4	Disagree	Its commo	Disagree	Can tell	
2	4	3	Disagree	Can tell	Disagree	Can tell	
2	4	2	Disagree	Can tell	Disagree	Can tell	
2	4	3	Disagree	Can tell	Disagree	Can tell	
2	4	2	Disagree	can tell	Disagree	Can tell	
3	2	4	Disagree	Can tell	Disagree	Can tell	
2	4	2	Disagree	Can tell	Disagree	Can tell	
2	4	2	Disagree	Can tell	Disagree	Can tell	
2	4	2	Disagree	Can tell	Disagree	Can tell	
4	2	3	Disagree	Can tell	Disagree	Can tell	
5	4	4	Agree	Statement	Agree	Statement	Financial Cc
4	5	4	Agree	Statement	Strongly Ag	Statement	Financial Cc
4	4	4	Agree	Statement	Agree	Statement	Financial cc
3	2	4	Disagree	Can tell	Disagree	Can tell	
2	4	3	Disagree	Can tell	Disagree	Can tell	Cost of equ
2	4	3	Disagree	Can tell	Disagree	Can tell	Cost of tech
3	2	4	Disagree	Can tell	Disagree	Can tell	Hydropowe

3	2	3	Disagree	Can tell	Disagree	Can tell	Cost of equ
3	2	3	Disagree	Can tell	Disagree	Can tell	Cost of equ
3	2	4	Disagree	Can tell	Disagree	Can tell	Cost of equ
3	2	4	Disagree	Can tell	Disagree	Can tell	Cost of equ
2	4	3	Disagree	Can tell	Disagree	Can tell	Cost of equ
2	2	3	Disagree	Can tell	Disagree	Can tell	Cost of equ
2	4	2	Disagree	Can tell	Disagree	Can tell	Cost of equ
5	5	5	Strongly Ag	Few know	Strongly Ag	Difficulty g	Initial capit
5	5	5	Strongly Ag	Expertise a	Strongly Ag	There are not enough	€
5	5	5	Agree	Expertise a	Agree	Difficult to	Cost expen:
5	5	5	Agree	No organiz	Agree	It quite difficult to hold	
5	5	5	Strongly Ag	Since they	Agree	If there are	High cost o
5	5	5	Strongly Ag	People bar	Agree	It really difi	None
5	5	5	Agree	People bar	Agree	It difficult t	Cost of inst
5	5	5	Agree	Expensive	Agree	Difficult to	Too expens
5	5	5	Agree	Is expensiv	Agree	Difficult to	Expensive t
1	5	5	Agree	Is expensiv	Agree	Difficult to	Is expensiv
5	5	5	Strongly Ag	Very expen	Agree	Difficult to	Not enough
2	4	3	Disagree	Can tell	Disagree	Can tell	Cost of equ
2	4	2	Disagree	Can tell	Disagree	Can tell	Cost of equ
2	4	2	Disagree	Can tell	Disagree	Can tell	Cost of equ
2	4	2	Disagree	Can tell	Agree	Can tell	Cost of equ
2	4	2	Disagree	Can tell	Disagree	Can tell	Cost of equ
4	2	3	Disagree	Can tell	Disagree	Can tell	Cost of equ
2	4	2	Disagree	Can tell	Agree	Can tell	Cost of equ
2	4	2	Disagree	Can tell	Disagree	Can tell	Cost of equ
4	2	2	Disagree	Can tell	Agree	Can tell	Cost of equ
2	4	2	Disagree	Can tell	Agree	Can tell	Cost of equ
4	2	3	Disagree	Can tell	Agree	Can tell	Cost of equ
2	2	3	Disagree	Can tell	Disagree	Can tell	Cost of equ
2	3	2	Disagree	Can tell	Agree	Can tell	Cost of equ
2	3	2	Disagree	Can tell	Agree	Can tell	Cost of equ
3	2	4	Disagree	Can tell	Agree	Can tell	Cost of equ
2	4	2	Disagree	Can tell	Agree	Can tell	Cost of equ
3	2	4	Disagree	Can tell	Agree	Can tell	Cost of equ
2	4	2	Disagree	Can tell	Agree	Can tell	Cost of equ
2	3	4	Disagree	Can tell	Agree	Can tell	Cost of equ
3	2	4	Disagree	Can tell	Agree	Can ell	Cost of equ
2	2	4	Agree	Can tell	Agree	Can tell	Cost of equ
2	2	4	Disagree	Can tell	Agree	Can tell	Cost of equ
2	4	2	Disagree	Can tell	Agree	Can tell	Cost of equ
3	2	2	Agree	Expensive	Agree	Expensive	Digging the
2	3	2	Agree	Its expensiv	Agree	Yes	Its not com
5	5	5	Disagree	Its commo	Disagree	Companies	N/A
2	4	2	Disagree	Can tell	Agree	Can tell	
3	2	4	Disagree	Can tell	Disagree	Can tell	
2	4	3	Disagree	Can tell	Disagree	Can tell	
2	3	2	Agree	Can tell	Agree	Can tell	
2	4	2	Disagree	Can tell	Disagree	Can tell	

	I do not have	There is no	Firewood is	Financial cost	Biogas is	data	Its more expensive	Other factors	24. What reasons
the technology	2	5	5	5	3	5			
how it works	5	5	5	5	1	1			
	1	5	1	5	1	1			I saw it used
	1	5	3	5	1	5			It is cheaper
get themselves	1	5	5	3	1	4	None		
expectations to	1	5	5	5	1	4	None		
to install	1	5	5	5	1	5	None		
it not show	1	5	4	4	1	4	None		Helps to save
of expertise	1	5	1	4	1	5	None		
to is into biogas	3	5	5	5	1	5	None		
	1	5	5	5	5	5	None		Health and
expertise	3	5	5	5	1	5	None		
	5	5	5	5	1	5			
expertise	5	5	5	5	5	5	None		
	3	5	5	5	1	5	None		
persons	1	5	5	5	1	5	None		
	5	5	5	5	1	5	None		
	1	5	5	5	1	5	None		Help save up
information and	5	5	3	5	1	3			
fit	5	5	5	5	5	5			
ts	1	5	5	5	1	4	None		
	1	3	3	5	1	1			First it has low
he required	4	3	5	5	4	2	I pay more		Compared to
	4	5	5	5	3	2	The other ones are		Cumulative
	4	1	4	5	4	3	Not sure		
done mine	4	4	5	5	3	4	Its expensive to install		
is limited	5	5	5	5	4	5			
	4	4	5	5	2	4			
number of experts	1	4	5	5	3	5			
community	2	4	5	5	2	3			
e	3	5	5	5	1	5	None		
	5	5	5	5	1	1	None		Reduces cost
	5	5	5	5	1	5	None		
of experts to	1	5	5	5	1	5	None		
allocation	1	5	5	5	1	5	None		Low cost of
of experts	1	5	5	5	1	5			It difficult to get hold of
expertise	2	5	5	5	1	5	None		
allocation	2	5	5	5	1	5	Difficult financing		Reduces cost
ce support	2	2	3	5	2	1			Made to urban
nsive	1	3	1	5	2	2			Environment
xperts around	1	5	5	5	4	2			
constraint	5	5	5	5	1	3			Need for more
here are several	4	5	5	5	1	1			
xperts around	2	5	5	5	2	3			
	5	5	5	5	3	5			
ts to install	1	5	5	5	1	5	None		
	1	5	5	5	1	5	None		Reduce cost
	4	4	13	2	3	2			
	1	5	5	5	34	1			
	5	5	5	5	3	5			

	5	5	5	5	5	5	
	2	5	5	5	2	5	
	4	5	5	5	4	1	
	5	5	5	5	3	3	
f insulation	2	2	3	4	2	2	Governmenter
ns around	2	5	5	5	3	5	
uch	5	5	4	5	1	1	
vailable are	4	5	5	5	1	3	
re few and	5	5	5	5	1	3	
ew and diffi	3	5	5	5	3	3	
re few and	2	4	5	5	3	3	
nowledge	1	1	5	5	3	4	
	5	5	5	5	3	2	
inavailable i	4	5	5	5	3	4	
to experts to	2	5	5	5	3	3	
	2	5	5	5	4	3	
ge	1	5	5	5	2	2	
!	2	5	5	5	2	2	
to us	1	1	5	5	1	5	
re city to ge	1	1	5	5	1	3	
re few	4	5	5	5	3	3	
l experts ca	4	5	5	5	3	4	
edge about	5	5	5	5	3	3	
lifficult to a	5	5	5	5	3	3	
le	1	5	5	4	3	3	
technical p	5	5	5	5	3	3	
f technical e	5	5	5	5	3	4	
ot known to	5	5	5	5	3	3	
nsive	5	5	5	5	5	5	
le	2	4	5	4	3	5	
e country ar	5	3	5	5	1	3	
in biogas m	5	5	5	5	3	5	
erts in usin	3	5	5	5	1	5	
bout the us	3	5	5	5	1	5	
r technical e	3	5	5	5	1	5	
r technical e	3	5	5	5	1	5	
not be read	1	1	5	5	3	3	
to set up	2	3	1	2	2	2	Cheap to o
	5	5	5	5	1	5	
	2	5	5	5	2	5	
	5	5	5	5	3	3	
	5	5	5	5	2	2	
	5	5	5	5	5	5	
	4	5	5	5	2	4	
	1	5	5	5	5	5	It is expensive to instal
	5	5	5	5	2	5	
	3	5	5	5	1	5	
	1	5	5	5	3	5	
	5	5	5	5	3	2	
	1	5	5	5	23	5	
	4	5	5	5	3	3	

	5	5	5	5	2	5	
	5	5	5	5	2	2	
	2	5	2	5	4	3	Easy to ope
	3	1	5	5	3	5	Cost more to install
	5	5	5	5	4	2	
	5	4	5	5	2	4	
	4	1	5	5	2	5	
	2	5	5	2	4	1	
	4	5	5	5	4	5	
	4	5	5	5	3	2	
th this techni	1	5	5	5	1	5	
	2	5	5	5	3	1	
	1	1	5	5	2	3	
	5	5	3	5	5	5	
	3	3	2	3	4	2	
	2	3	2	1	1	1	
	2	1	1	1	1	1	
	2	2	2	1	1	1	
n	2	1	3	1	1	1	
	2	4	3	4	2	3	Don't know
	2	2	2	3	4	2	
	2	3	4	3	2	4	
	2	3	4	2	3	4	
	2	3	4	2	3	2	
	2	3	4	2	3	4	
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1	1	4	4	4	4
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4	5	5	5	5	4
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2	4	3	2	4	2		
constraints	4	5	5	5	2	5	Waste man
constraints	1	5	5	5	4	5	Energy crisi
constraints	1	4	4	5	4	5	Dumsor
	2	4	3	2	4	3	
ipment	2	2	3	4	2	3	It's cheaper
anology	2	4	2	3	2	4	Its cheaper
er	2	4	2	2	3	2	It's cheaper

ipment	2	4	2	3	4	2	Its cheaper
ipment	2	4	3	2	4	2	It cheaper
ipment	2	4	2	3	2	4	It cheaper
ipment	2	4	2	3	2	4	It cheaper
ipment	2	4	3	2	4	3	Its cheaper
ipment	3	2	4	2	3	2	It's cheaper
ipment	2	4	3	2	4	3	It's cheaper
al cost	1	5	4	5	1	2	Long term c
expertise	1	5	5	5	1	1	Expertise are difficult t
sive	1	5	5	5	1	5	Difficult to Reduce tim
l of expertis	3	5	5	5	1	5	
f installatio	3	5	5	5	1	5	None Produces m
	1	5	5	5	1	5	None Producing r
allation	1	5	5	5	1	5	None Low cost of
sive	1	5	5	5	1	5	Difficult to Faster in us
o setup	5	5	5	5	1	5	Easy to use Easy to ope
e	1	1	5	5	1	5	Difficult to Easy to ope
n knowledg	5	5	5	5	1	5	Easy to ope Easy to ope
ipment	2	4	3	2	4	2	It's cheaper
ipment	2	2	3	2	4	3	It cheap
ipment	2	4	3	2	4	2	Its cheaper
ipment	2	4	3	2	4	2	Its cheaper
ipment	2	4	2	3	2	4	Its cheaper
ipment	2	2	3	2	4	2	Its cheaper
ipment	2	4	3	2	4	2	Its cheaper
ipment	2	4	3	2	4	2	Its cheaper
ipment	2	4	3	2	4	3	It cheap
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ipment	2	4	2	3	2	4	It cheap
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ipment	2	4	2	3	2	4	It cheap
ipment	2	4	2	3	2	4	It cheap
ipment	2	4	2	3	2	4	It cheap
ipment	2	4	2	3	2	4	It cheap
ipment	2	4	2	3	2	4	It cheap
pit	5	2	4	3	4	3	Education
mon	2	3	2	3	2	4	Low cost in
	2	2	3	5	5	5	Clean energ
	2	4	3	2	4	2	
	2	4	2	3	2	4	
	2	4	3	2	4	2	
	2	4	2	3	2	4	
	2	4	2	3	4	2	

Please rank Easy to use Government Women an Saves mon It is smoke- Reduced cc Other factc SECTION E:

	5	5	5	5	5	5
	3	1	5	5	5	5
when I trav	5	1	5	5	5	5
r in the long	5	1	5	5	5	5
	4	5	5	5	5	4 None
	4	5	5	5	4	4 None
	3	5	5	5	5	5 None
ve up mone	5	5	5	5	5	5 None
	5	5	5	5	5	5 None
	5	5	5	5	5	5 None
also help ke	5	5	5	5	5	5 None
	5	5	5	5	5	5 None
	5	5	5	5	5	5
	5	5	5	5	5	5 None
	5	5	5	5	5	5 None
	5	5	5	5	5	5 None
	5	5	5	5	5	5 None
ip money	5	5	5	5	5	5 None
	5	1	5	5	5	5
	5	5	5	5	5	5
	5	5	5	5	5	5 None
long term co	5	5	5	5	5	5
to the other	5	3	5	4	5	4
relatively(in a	3	1	5	5	5	5
	4	1	5	3	3	5
	4	1	5	5	5	5
	4	1	4	4	4	4
	5	1	5	5	5	5
	5	1	5	3	3	4
	4	3	5	5	5	4
	5	5	5	5	5	5 None
ast of wastc	5	5	5	5	5	5 None
	5	5	5	5	5	5 None
	5	5	5	5	5	5 None
f waste rem	5	5	5	5	5	5 None
of expertise	5	5	5	5	5	5 Improves sanitation
	5	5	5	5	5	5 None
st of waste	5	5	5	5	5	5 None
nderstand it	5	1	4	5	4	5
ntally friend	5	1	5	5	4	5
	5	1	5	5	5	5
anure for n	5	1	5	5	5	5
	5	1	5	5	4	5
	4	1	5	5	5	5
	3	3	5	3	3	5
	5	5	5	5	5	5 None
ts of waste	5	5	5	5	5	5 None
	3	2	2	2	2	2
	5	1	5	5	3	4
	5	1	5	5	5	5

nt support

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5	1	5	5	2	5
5	5	5	5	5	5
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3	3	5	4	5	4
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4	1	4	4	5	4
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5	2	5	5	5	3
5	2	5	3	5	3
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2	2	1	1	5	1
2	2	2	1	3	2
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2	2	3	4	3	2 Don't know
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	2	4	2	3	4	2
	2	2	4	2	3	2
cost benefit	5	1	5	5	5	5
o find	5	5	5	5	5	5 Faster to use
e spent on	5	1	5	5	5	5 Easier to work with
	4	4	4	4	5	5
more gas	5	5	5	5	5	5 None
more gas	5	5	5	5	5	5 None
f waste rem	5	5	5	5	5	5 None
ing	5	1	5	5	5	5 Easy to operate
erate	5	1	5	5	5	5 Easy to operate
erate	5	1	5	5	5	5 Faster to use
erate	5	1	5	5	5	5 Easy to operate
	2	4	3	2	4	2
	2	4	3	2	3	2
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	2	4	2	3	2	4
	2	4	2	3	2	4
	2	4	3	2	4	2
	4	2	3	4	2	3
waste remi	2	2	3	4	4	4
gy and chea	5	5	5	5	5	5
	2	4	2	3	2	4
	4	2	3	2	4	2
	2	2	4	4	2	4
	2	4	3	2	4	2
	2	4	2	3	2	4

25. Do the	26. If YES, I	27. Are the	28. If YES, I	SECTION F:	29. What a	29.1 Advan	29.2 Disadv	30. Do you
No						Saves mon	It's expensi	Yes
No						Reduce spe	Initial cost	No
No						Saves me n	Cost of mai	Yes
No						None	Deforestati	Yes
No						It easy to g	It finishes e	Yes
No						Easy to get	Pollutes th	No
No						Easy to get	Produces s	Yes
No						Available o	Finishes ea	Yes
No						Readily ava	Runs out e	No
No						It always a	Produces s	Yes
No						Readily ava	Affects you	Yes
No						It always a	Runs out e	No
No						It's easy to	Cost	No
No						Easy to get	Produces s	Yes
No						Easy to get	Produces s	Yes
No						Easy to get	Produces s	Yes
No						Cheap on t	Produces s	Yes
No						Available o	Brings abo	Yes
No						It's cheap a	Problems v	Yes
Yes	It sensitize:	Yes	People with solar panels use for	lo	Cheap	Pollution		Yes
No					Easy to get	Finishes ea		Yes
Yes	It sensitize:	Yes	Well it trains us users on how to r	r	None	Pollutes en		Yes
No					Cheap and	Time consu		Yes
Yes	It sensitize:	No	They aren't		Access is e	It pollutes		Yes
No					They are c	Destroys th		Yes
Yes	It sensitize:	Yes	They are very sustainable		Readily ava	Destroys th		Yes
No					Easy to get	It causes p		Yes
Yes	It sensitize:	Yes	Very		Cost less t	Destroys th		Yes
Yes	It sensitize:	No	Not really sustainable		Accessible	It causes p		Yes
Yes	It sensitize:	No	Limited to only urban centers		Readily ava	Pollutes th		Yes
No					It readily a	Air pollutio		Yes
No					It easy to g	Produces s		Yes
No					Available o	Produces s		Yes
No					It always a	Produces s		Yes
No					Cheap on t	Air pollutio		Yes
No					Always ava	Finishes ea		Yes
No					Cheap on t	Produces s		Yes
No					Cheap on t	Produces s		Yes
Yes	Consults th	Yes	Environment Al friendly		Cheap to al	Expensive		Yes
Yes	It sensitize:	Yes	Materials for use is available		Affordable	Cause poll		Yes
Yes	It sensitize:	Yes	Very sustainable		Readily ava	Causes poll		Yes
No					It is readily	It causes p		Yes
No					They are e	Destroys th		Yes
Yes	It sensitize:	Yes	It always works as intended		Affordable	Causes poll		Yes
No					Its cheaper	Causes poll		Yes
No					Readily ava	Produces s		Yes
No					Easy to get	Air pollutio		Yes
No					Cheap	Pollution		Yes
No					They are c	Destroys th		Yes
No					It is cheape	Causes poll		Yes

No			Cheaper	Destroys th	Yes	
No			Its cheaper	Destroys th	Yes	
Yes	It sensitize:	No	They are usually no sustainable in	Costs less	It pollutes t	No
No				Readily ava	Destroys th	Yes
No				Cheap to o	Pollute the	Yes
No				Its cheaper	Destroys th	Yes
No				Cheap in lo	Expensive :	Yes
No				Less expen:	Time consu	Yes
Yes	The Comm	No	N/A	1. Easy to g	1. Can caus	Yes
No				Easily avail:	Time consu	Yes
No				Less expen:	Have to wa	Yes
No				It saves mo	It waste tin	Yes
No				It saves mo	It increases	Yes
No				It's cheap a	Sometimes	Yes
No				Wood is ch	Wood can :	Yes
No				It saves m	It increases	Yes
No				Reduce tir	It prevents	Yes
No				It saves mo	It increases	Yes
No				It's cheape	Time consu	Yes
No				Wood fuel	Wood fuel	Yes
No				Easy to get	Smoke for	Yes
No				It's cheap	It destroys	Yes
No				It is less ex	It takes a lc	No
No				Wood fuel	Smoke for	Yes
No				Woodfuel i	Woodfuel c	Yes
No				Woodfuel i	Sometimes	Yes
No				It is less co	We have tc	Yes
No				Wood is ea	Woodfuel p	Yes
Yes	Consults th	Yes	It serves the community for a long	Less expen:	Smoke can	Yes
No				Wood fuel	Wood mus	Yes
Yes	It sensitize:	No	N/A	Woodfuel i	Use of woc	Yes
No				Wood is ah	Carrying w	Yes
No				It is less ex	It results in	No
No				It is less ex	It causes ai	No
No				It saves mo	It causes re	No
No				It is not ex	It causes ai	No
No				Wood fuel	I sometime	Yes
No				Cheap	Pollution	Yes
No				Readily ava	Pollutes th	Yes
No				Its cheaper	Destroys th	Yes
No				Its cheaper	Pollutes th	Yes
No				Readily ava	It causes p	No
No				Its readily :	Difficult to	No
No				Readily ava	It causes p	No
No				Cheaper	Destroys th	Yes
No				Its cheaper	It causes p	Yes
No				Its cheaper	It causes p	Yes
No				Its cheaper	It causes ai	Yes
No				Its cheaper	Its causes p	Yes
Yes	It sensitize:	Yes	Works pretty well	Its cheaper	Destroys th	Yes
Yes	It sensitize:	No	They don't last for long	Its cheaper	It causes p	Yes

No			Its cheaper	It destroys	Yes
No			Its readily	It causes	Yes
No			Cheap	Destroy the	Yes
No			Its cheap	It causes	Yes
No			Its readily	Causes des	Yes
No			Its readily	Causes poll	No
No			Its cheaper	Causes poll	Yes
No			Readily ava	Destroys th	Yes
Yes	It sensitize: Yes	Its pretty much works as intended	Readily ava	Pollution	Yes
No			Its readily	It causes p	Yes
No			It's easy to	Destroys fc	No
No			Cost efficie	No educati	No
No			Accessibilit	Cost	No
No			Easy to finc	Price factor	No
No			Cheap	Hard to fin	No
No			Not know	Don't know	No
No			Don't know	Don't know	No
No			Don't know	Don't know	No
No			Don't know	Don't know	Yes
No			don't know	Don't know	No
No			Easy acces	Don't know	No
No			Can't tell	Don't know	No
No			Can't tell	Don't know	No
No			Can't tell	Don't know	No
No			Can't tell	Don't know	No
No			Accessible	Cost	No
No			Don't know	Can't tell	No
No			Can tell	Don't know	No
No			Can tell	Don't know	No
No			Don't know	Can tell	No
No			Can tell	Don't know	No
No			Can't tell	Don't know	No
No			Can't tell	Don't know	No
No			Can tell	Don't know	No
No			Can tell	Don't know	No
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No			Can tell	Don't know	No
No			Can tell	Don't know	No
No			Can tell	Don't know	No
No			Can tell	Don't know	No
No			Don't know	Can tell	No
No			It's commo	Don't know	No
No			Can tell	Don't know	No
No			Don't know	Can tell	No
No			Can tell	Don't know	No
No			Can tell	Don't know	No
No			Can tell	Don't know	No
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No			Don't know	Can tell	No
No			Don't know	Can tell	No

No			Can tell	Don't know	No	
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No			Don't know	Can tell	No	
No			Can tell	Don't know	No	
No			Can tell	Can't tell	No	
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No			Can tell	Don't know	No	
No			Can tell	Can tell	No	
No			Can tell	Can tell	No	
No			Can tell	Don't know	No	
Yes	It sensitizes	Yes	It works as intended	Readily available	Causes pollution	Yes
No				It's cheaper	It causes pollution	Yes
No				Cheaper	Causes pollution	Yes
No				Easy to collect	Causes destruction	Yes
Yes	It sensitizes	Yes	Works very well	Readily available	Causes pollution	Yes
No				Easy to get	Destroys things	Yes
No				Easy to get	Causes pollution	Yes
No				Cheaper	Destroys things	Yes
No				Easy to collect	Causes pollution	Yes
No				Readily available	Causes pollution	Yes
No				It's cheaper	It causes pollution	Yes
No				It's cheaper	Destroys things	Yes
No				Can tell	Don't know	No
No				Can tell	Can tell	No
No				Can tell	Don't know	No
No				Can tell	Can tell	No

No			Can tell	Don't know	No
No			Can tell	Can tell	No
No			Can tell	Can't tell	No
No			Can tell	Can tell	No
No			Can tell	Can tell	No
No			Can tell	Can tell	No
No			Can tell	Don't know	No
No			Can tell	Don't know	No
No			Can tell	Don't know	No
No			Can tell	Don't know	No
No			Don't know	Can tell	No
No			Can tell	Can tell	No
No			Can tell	Don't know	No
No			Can tell	Can tell	No
No			Can tell	Don't know	No
No			Can tell	Can tell	No
No			Can tell	Don't know	No
No			Can tell	Don't know	No
No			Can tell	Can tell	No
No			Can tell	Can tell	No
No			Can tell	Can tell	No
Yes	It sensitizes	Works as intended	Can tell	Can tell	No
No			Readily available	They are dangerous	Yes
No			Easy to collect	Damages tissue	Yes
No			It's cheaper	It causes problems	Yes
No			Can tell	Don't know	No
No			Can tell	Don't know	No
No			Can tell	Don't know	No
No			Can tell	Can tell	No
No			Can tell	Can tell	No
No			Can tell	Can tell	No
No			Can tell	Can tell	No
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No			Can tell	Can tell	No
No			Can tell	Can tell	No
No			Can tell	Can tell	No
No			Can tell	Can tell	No
No			Can tell	Can tell	No
No			Can tell	Can tell	No
No			Can tell	Don't know	No
No			Can tell	Don't know	No
No			Its cheaper	Causes problems	Yes
No			Readily available	Causes problems	Yes
Yes	It sensitizes	Works as intended	Its cheaper	Destroys tissue	Yes
No			Can tell	Can tell	No
No			Can tell	Can tell	No
No			Can tell	Can tell	No
No			Can tell	Can tell	No

No				Can tell	Don't know	No
No				Can tell	Can tell	No
No				Can tell	Don't know	No
No				Can tell	Don't know	No
No				Can tell	Can tell	No
No				Can tell	Dont know	No
No				Can tell	Can tell	No
No				Cheap	Environme	Yes
No				Easily obtai	Pollute the	Yes
No				Is cheaper	Pollute the	Yes
Yes	The Comm No		Helps promote the development c	Always ava	Produces si	Yes
No				Always ava	Produces si	Yes
No				Always ava	Produces si	Yes
No				Always ava	Finishes ea	Yes
No				Cheaper	Pollute the	Yes
No				Cheaper	Pollute the	Yes
No				Easy to get	Pollute the	Yes
No				Easy to get	Pollute the	Yes
No				Can tell	Can tell	No
No				Can tell	Can tell	No
No				Can tell	Can tell	No
No				Can tell	Can tell	No
No				Can tell	Can tell	No
No				Can tell	Can tell	No
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No				Can tell	Can tell	No
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No				Can tell	Can tell	No
No				Can tell	Can tell	No
No				Can tell	Can tell	No
No				Can tell	Can tell	No
No				Can tell	Can tell	No
No				Can tell	Can tell	No
Yes	It sensitize: No	No		Don't know	Dont know	Yes
Yes	It sensitize: No	No		Cheap	More smok	Yes
No				Cheap and	Deforestati	Yes
No				Can tell	Can tell	No
No				Can tell	Can tell	No
No				Can tell	Can tell	No
No				Can tell	Can tell	No
No				Can tell	Can tell	No

31. How fai	32. If you h	33. If yes, h	34. Do you	35. If yes, s	35. If yes, s	35. If yes, s	35. If yes, s	35. If yes, s
200		Yes	Mixed farm	0	0	0	1	
		No						
150 Yes	200 No							
200 Yes	300 No							
1	Yes	Crop Cultiv	0	0	1	0		
	No							
1	No							
1 Yes	1 No							
	No							
1	No							
1 Yes	1 No							
	No							
	Yes	Crop Cultiv	0	0	1	0		
1	No							
1	Yes	Poultry	1	0	0	0		
1	No							
1	No							
1 Yes	1 No							
300	No							
100	No							
1	No							
90 Yes	200 No							
10 Yes	10 Yes	Crop Cultiv	0	0	1	0		
4	Yes	Crop Cultiv	0	1	1	0		
5	Yes	Poultry	1	0	0	0		
9	Yes	Animal Rea	0	1	0	0		
10	Yes	Crop Cultiv	0	0	1	0		
6	No							
4	No							
6	Yes	Animal Rea	0	1	1	0		
1	No							
1 Yes	1 No							
1	No							
1	No							
1 Yes	2 No							
1	No							
1	No							
1 Yes	1 No							
5 Yes	5 Yes	Crop Cultiv	0	1	1	0		
6 Yes	5 Yes	Crop Cultiv	0	0	1	1		
8	Yes	Animal Rea	0	1	0	0		
3 Yes	3 Yes	Poultry	1	0	0	0		
6	Yes	Animal Rea	0	1	0	0		
5	Yes	Mixed farm	0	0	0	1		
1	Yes	Mixed farm	0	0	0	1		
1	No							
1 Yes	1 Yes	Crop Cultiv	0	0	1	0		
12	Yes	Crop Cultiv	0	1	1	1		
7	Yes	Crop Cultiv	0	0	1	0		
12	Yes	Mixed farm	0	0	0	1		

2	Yes	Mixed farr	0	0	0	1
5	Yes	Crop Cultiv	0	0	1	0
	Yes	Poultry	1	0	0	0
2	Yes	Animal Rea	0	1	1	0
6 Yes	6 Yes	Crop Cultiv	0	1	1	0
8	Yes	Mixed farr	0	0	0	1
35	No					
50	Yes	Animal Rea	0	1	0	0
10	Yes	Poultry	1	0	0	0
3	Yes	Mixed farr	0	0	0	1
3	Yes	Mixed farr	0	0	0	1
5	Yes	Crop Cultiv	0	0	1	0
5	Yes	Crop Cultiv	0	0	1	0
3	No					
5	Yes	Crop Cultiv	0	0	1	0
5	Yes	Crop Cultiv	0	0	1	0
5	Yes	Mixed farr	0	0	0	1
5	Yes	Mixed farr	0	0	0	1
6	Yes	Mixed farr	0	0	0	1
5	Yes	Animal Rea	0	1	0	0
1	Yes	Crop Cultiv	0	0	1	0
2	Yes	Mixed farr	0	0	0	1
	No					
1	Yes	Poultry	1	0	0	0
4	Yes	Mixed farr	0	0	0	1
3	No					
1	No					
2	No					
3	Yes	Poultry Cro	1	0	1	0
3	Yes	Mixed farr	0	0	1	1
1	No					
2	Yes	Crop Cultiv	0	0	1	0
	No					
	No					
	No					
	No					
3	No					
5 Yes	7 No					
6	Yes	Mixed farr	0	0	0	1
10	Yes	Mixed farr	0	0	0	1
5	Yes	Crop Cultiv	0	0	1	0
	No					
	No					
	Yes	Mixed farr	0	0	0	1
4	Yes	Poultry	1	0	0	0
9	Yes	Mixed farr	0	0	0	1
8	Yes	Mixed farr	0	0	0	1
4	No					
9	Yes	Mixed farr	0	0	0	1
5	Yes	Mixed farr	0	0	0	1
8	Yes	Mixed farr	0	0	0	1

	No						
	No						
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	No						
	No						
	No						
	No						
	No						
	No						
	No						
2	Yes	Crop Cultiv	0	0	1	0	
4	Yes	Mixed farr	0	0	0	1	
4	Yes	Mixed farr	0	0	0	1	
	No						
	No						
	No						
	No						
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	No						
	No						
	No						
	No						
	No						
	No						
	No						
	No						
	No						
	No						
	No						
5 Yes	2 Yes	Poultry	1	0	0	0	
5 Yes	3 Yes	Crop Cultiv	0	0	1	0	
8 Yes	3 Yes	Crop Cultiv	0	0	1	0	
	No						
No	No						
No	No						
No	No						

36. Do you	37. If yes, '38. What is	39. Where	40. How fa	END OF IN1	Sex of resp	Age of resp	Level of ed
Yes	Vegetables	Subsistenc	Borehole	700			
No							
No							
No							
Yes	Tomatoes	Subsistenc	Pipe Borne	1			
No							
No							
No							
No							
Yes	Okra						
No							
No		Subsistenc	Borehole	2			
No							
No		Commercia	Pipe Borne	2			
Yes	Onion						
No							
No							
No							
No							
No							
Yes	Plantain	Subsistenc	Pipe Borne	5			
Yes	Vegetables	Both	Pipe Borne	1			
Yes	Vegetables	Subsistenc	Pipe Borne	1			
Yes	Vegetables	Both	Pipe Borne	1			
Yes	Vegetables	Commercia	Pipe Borne	4			
No							
No							
Yes	Cassava an	Both	Pipe Borne	2			
Yes	Tomatoes						
No							
No							
Yes	Tomatoes						
No							
No							
Yes	Okra						
No							
Yes	Pepper, tor	Subsistenc	Pipe Borne	8			
Yes	Tomatoes,	Subsistenc	Pipe Borne	9			
Yes	Vegetables	Subsistenc	Borehole	10			
Yes	Vegetables	Subsistenc	Pipe Borne	5			
Yes	Okro	Subsistenc	Well	11			
No		Both	Pipe Borne	1			
No		Both	Pipe Borne	1			
Yes	Tomatoes						
No		Subsistenc	Pipe Borne	1			
Yes	Cassava,pl	Subsistenc	Well	9			
Yes	Cassava,Sv	Subsistenc	Pipe Borne	1			
Yes	Vegetables	Both	Pipe Borne	1			

No		Both	Pipe Borne	1
No		Both	Pipe Borne	1
No		Both	Borehole	15
No		Both	Pipe Borne	1
Yes	Pepper,ma	Subsistenc	Pipe Borne	7
Yes	Vegetables	Both	Pipe Borne	1
No				
Yes	Tomatoes,	Subsistenc	Borehole	100
Yes	Garden egg	Subsistenc	Borehole	50
Yes	Vegetables	Subsistenc	Borehole	5
Yes	Maize	Both	Pipe Borne	1
No		Subsistenc	Well	5
No		Subsistenc	Well	5
No				
Yes	Maize	Commercia	Pipe Borne	1
No		Subsistenc	Well	5
Yes	Plantain	Subsistenc	Well	5
No		Both	Well	4
Yes	Vegetables	Both	Pipe Borne	4
Yes	Cassava	Both	Pipe Borne	1
Yes	Vegetables	Subsistenc	Pipe Borne	1
Yes	Tomatoes,	Subsistenc	Pipe Borne	2
No				
Yes	Maize	Both	Pipe Borne	1
Yes	Tomatoes,	Both	Pipe Borne	5
No				
No				
No				
Yes	Plantain	Subsistenc	Borehole	7
No		Both	Pipe Borne	5
Yes	Plantain and cassava			
Yes	Cassava	Both	Pipe Borne	2
No				
No				
No				
No				
Yes	Maize			
No		Both	Pipe Borne	2
Yes	Vegetables	Both	Pipe Borne	2
No		Both	Pipe Borne	1
No				
No				
Yes	Vegetables	Both	Pipe Borne	1
Yes	Vegetables	Subsistenc	Borehole	15
Yes	Fruits	Both	Pipe Borne	1
Yes	Vegetables	Both	Pipe Borne	6
No				
Yes	Vegetables	Subsistenc	Pipe Borne	1
No		Both	Pipe Borne	1
Yes	Vegetables	Both	Pipe Borne	1

Yes	Fruits	Subsistence	Borehole	9
No		Subsistence	Well	5
No				
No				
Yes	Vegetables	Subsistence	Pipe Borne	1
Yes	Potato	Subsistence	Pipe Borne	1
Yes	Vegetables	Both	Pipe Borne	1
No		Both	Pipe Borne	1
Yes	Vegetables	Subsistence	Pipe Borne	2
No				
Yes	Yam, tomat	Subsistence	Borehole	500
Yes	Coconut			
No				
No				
No				
No				
No				
No				
Yes	Maize			
Yes	Rice			
Yes	Water melon			
Yes	Cashew			
Yes	Coconut			
Yes	Apple			
Yes	Banana			
No				
Yes	Pawpaw			
Yes	Wheat			
Yes	Mango			
Yes	Cocoa			
Yes	Black Berry			
Yes	Strawberry			
Yes	Lime			
Yes	Cucumber			
Yes	Pepper			
Yes	Grapes			
Yes	Guava			
Yes	Kola nut			
No				
No				
No				
No				
No				
No				
No				
No				
No				
Yes	Tomatoes			
No				

No			
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No			
No			
Yes	Vegetables Subsistence	Pipe Borne	1
Yes	Vegetables Both	Pipe Borne	1
Yes	Vegetables Both	Pipe Borne	1
No			
No			
No			
No			
No			
No			
No			
No			
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No			
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No			
No			
No			
No			
No			
No			
No			
No			
No			
No	Commercial	Pipe Borne	1
Yes	Vegetables Subsistence	Pipe Borne	2
Yes	Vegetables Both	Pipe Borne	1
No			
No			
No			
No			

No
No
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No
No
No
No
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No
No
No
No
Yes
Yes
No
No
No
No
No

Pepper	Both	Pipe Borne	3
Tomatoes			
Tomato	Subsistence	Well	1
Mango			
Corn			

What year If yes, basic What bioge If No, what Which of th Which of th Why do yo SECTION C: I 18. Which 1

19. Why us Reduces or Other type Time spent Women an Creates Em Increases h Reduces co Increases e

Use of bio : Reduces or Reduces or Reduces or Increases o Reduces or Serves as a Access to b If you Disag

What other I do not ha There is no Firewood is Financial cc Biogas is d Its more ex What moti Easy to use

Government Women an Saves mon It is smoke- Reduced cc If YES, how Are the init If YES, How What adva

Advantage: Disadvanta Do you hav How far is i If you have If yes, selec If yes, selec If yes, selec If yes, selec

If yes, select What is the How far is t_index

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responses from 304 homes

	Freq.	Percentages
Awutu Se:	149	49%
Effutu	154	51%
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Sex of Respondents

Female	127	42%
Male	176	58%
Total	303	

Availability of Biogas installation in households

No	238	79%
Yes	65	21%
	303	

Age group

	Frequenc	Percentages
21-30 years	57	19%
31-40 years	84	28%
41-50 years	125	41%
51-60 years	35	12%
Above 60 years	2	1%
	303	

Occupation of respondent

	Frequenc	Percentages
Agricultur e	40	13%
Civil Servant	35	12%
Commerci al	178	59%
Others Specify.	50	17%
	303	

Level of Education of Household Heads

Frequenc Percentages

Basic	17	6%
Secondary	85	28%
Never Educ	9	3%
None form	22	7%
Tertiary	170	56%
	303	