

Summary of Recommendations for Stakeholder Contribution to Sustainable Development

Issue	Recommendation	Responsible Stakeholder	Time Scale	Origin	Example
Develop appropriate regulations and reduce restrictions	<ul style="list-style-type: none"> • Reduce EPOs restrictions 	<ul style="list-style-type: none"> ▪ Government, ▪ large scale mining houses 	3-5 years	18-20, 41-43, 78-80, 94-95, 105, 124, 167-169	192, Shamva Mining Centre, 194, Chenkumbi Limeworks
	<ul style="list-style-type: none"> • Support transformation of ssm into formal sector 	<ul style="list-style-type: none"> ▪ Government, ▪ international & local NGOs ▪ donors 	5-10 years	22,45, 83,95, 173-176, 192, 194, 196	
	<ul style="list-style-type: none"> • Monitor and advice 	<ul style="list-style-type: none"> ▪ Government, ▪ international & local NGOs mining houses 	1-3 years	22, 45, 83, 95, 173-176, 192, 194, 196	
	<ul style="list-style-type: none"> • Develop and implement sound macroeconomic policies (exchange rate, inflation, interest rates, etc. 	<ul style="list-style-type: none"> ▪ Government, ▪ multinational organizations (World Bank, IMF, etc) 	3-5 years		
Access to resources (Increase natural capital)	<ul style="list-style-type: none"> • Reduce EPOs restrictions 	<ul style="list-style-type: none"> ▪ Government, ▪ large scale mining houses 	See above	See above	
	<ul style="list-style-type: none"> • Increase access to water 	<ul style="list-style-type: none"> ▪ Government, ▪ NGOs ▪ Local communities ▪ donors 	1-3 years		

	<ul style="list-style-type: none"> • Increase access to affordable fuel 	<ul style="list-style-type: none"> ▪ Government, ▪ NGOs ▪ Local communities ▪ donors 	5-10 years		
Increase access to financial resources (increase financial capital)	<ul style="list-style-type: none"> • facilitate access to grants and loans 	<ul style="list-style-type: none"> ▪ Government ▪ Banks ▪ Donors 	1-3 years	17, 38-41, 81, 123	Gemstone in Zambia and gold in Tanzania and Zimbabwe
	<ul style="list-style-type: none"> • provide affordable interest rates 	<ul style="list-style-type: none"> • Government • International financial institutions, e.g. World Bank, • Donors 	1-3 years		
	<ul style="list-style-type: none"> • Facilitate linkages with buyers of minerals 	<ul style="list-style-type: none"> • Government • Mining houses • Miners Associations 	1-3 years		
Facilitate skills development among ssm (increase human capital)	<ul style="list-style-type: none"> • Training programmes – production, processing, business management 	<ul style="list-style-type: none"> • Government • Mining houses • Donors 	1-3 years	22, 45, 83, 955, 173-76, 192, 194, 196-98	Training programmes for ssm at Shamva in Zimbabwe, Kwaka in South Africa and Tanzania
	<ul style="list-style-type: none"> • Attachments to large mines 	<ul style="list-style-type: none"> • Government • Donors • Mining houses 	1-5 years		
	<ul style="list-style-type: none"> • Exchange programmes 	<ul style="list-style-type: none"> • SSM • Mining houses 	1-5 years		

	<ul style="list-style-type: none"> Learnin from success 	<ul style="list-style-type: none"> Donors Government Donors SSM 	1-5 years		
Improve technology and technical support (increase physical capital)	<ul style="list-style-type: none"> Linkages with technical partners 	<ul style="list-style-type: none"> Government Mining houses Donors International financial institutions, e.g. IFC 	1-5 years	22, 45, 83, 95, 173-76, 192, 194, 196-98	Shamva Mining Centre and Chenkumbi Limeworks projects
	<ul style="list-style-type: none"> Widen technology choices Exchange and interest rates 	<ul style="list-style-type: none"> Government Mining houses Donors 	5-10 years	192, 194	Shamva Mining centre and Chenkumbi Limeworks projects
	<ul style="list-style-type: none"> Mineral pricing 	<ul style="list-style-type: none"> Government International mineral buyers 	3-5 years		
Increase access to information (increase social capital)	<ul style="list-style-type: none"> Provide timely and accurate information on markets 	<ul style="list-style-type: none"> Government International mineral buyers 	1-3 years		
	<ul style="list-style-type: none"> Facilitate access to mineral deposits 	<ul style="list-style-type: none"> Government Mining houses 	1-5 years		Kwaka project
	<ul style="list-style-type: none"> Expand technology options 	<ul style="list-style-type: none"> Technology institutions, e.g. CSIR, SIRDC, ITDG 	5-10 years	192-194	Shamva Mining Centre and Chenkumbi Limeworks
		<ul style="list-style-type: none"> Banks Donors 	1-3 years		

	<ul style="list-style-type: none"> Facilitate access to credit 	<ul style="list-style-type: none"> Government Donors International financial institutions 	1-3 years		
Expand R&D (increase physical and social capital)	<ul style="list-style-type: none"> Share failures and success stories 	<ul style="list-style-type: none"> Local and international NGOs Donors Government 	5-10 years		
	<ul style="list-style-type: none"> Improve environmental management 	<ul style="list-style-type: none"> Government NGOs Donors 	1-3 years		
	<ul style="list-style-type: none"> Increase technology development 	<ul style="list-style-type: none"> Technology institutions Government 	5-10 years		
	<ul style="list-style-type: none"> Provide accurate and timely information on markets 	<ul style="list-style-type: none"> International mineral buyers Government 	1-3 years		
Create co-ordinating forum to increase collaboration (increase social capital)	<ul style="list-style-type: none"> Facilitate training and information exchange 	<ul style="list-style-type: none"> CASM Donors Mining houses SSM NGOs 	1-3 years		