



**RESOURCE
IMPACT DASHBOARD**

Aumento da transparência dos impactos ao nível local da extração de recursos minerais

Introdução ao Painel do Impacto dos Recursos Minerais (RID)

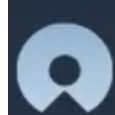
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03.08.2021





RID – Resources Impact Dashboard

Permite às partes interessadas monitorar ao nível do local da mina os efeitos da extracção de recursos minerais.

Com base em dados recolhidos:

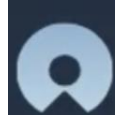
- Empresas de Mineração
- Fontes Publicas
- Inquéritos aos Agregados Familiares

The Resource Impact Dashboard enables stakeholders to monitor the effects of resource extraction on local development at the mine site level – based on data from household surveys, public sources, and from mining companies

The distribution of costs and benefits from resource extraction is more often disputed than not. Information asymmetries and a lack of transparency can exacerbate tensions in producer areas and create conflict between citizens, government and companies. An evidence-based deliberation between companies, government bodies and the local population can promote more development-oriented and effective governance of resource extraction at the producer level. The RID supports the collection and visualisation of data on a broad range of development relevant data on a regular basis to monitor.

Search Mines





The Resource Impact Dashboard enables users to monitor the effects of resource extraction on local development at the site level – based on data from field surveys, public sources, and reports from mining companies



Dados da Empresa

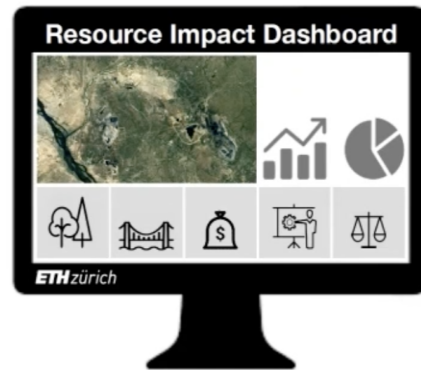
- Emprego e Aquisições Locais
- Pagamento de impostos
- Performance ambiental
- Mecanismos de queixas
- Investimentos sociais

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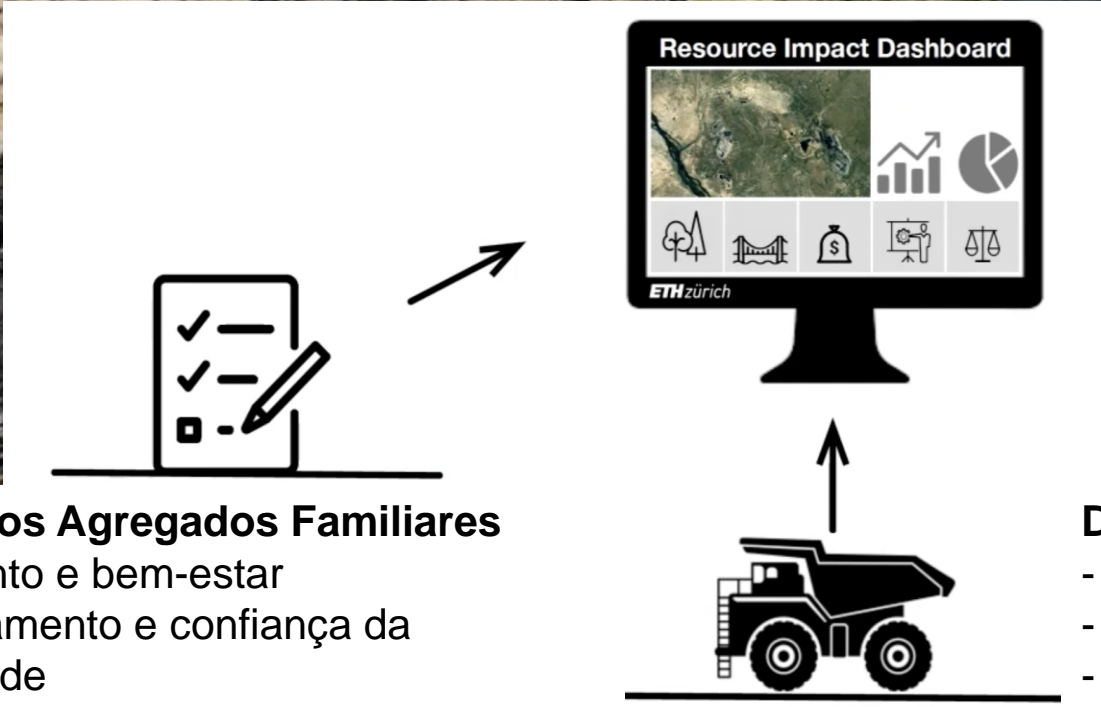
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Inquéritos aos Agregados Familiares

- Rendimento e bem-estar
- Relacionamento e confiança da comunidade
- Percepção sobre o desempenho da empresa
- Percepção sobre as instituições publicas



- Vista geral do desenvolvimento local
- Diálogo construtivo
- Decisões políticas com base em evidencias

... based on data from
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Dados Institucionais

- Determinantes qualidade saúde
- Resultados na educação
- Segurança
- Distribuição dos rendimentos

Dados da Empresa

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Company data ⌵

Company data

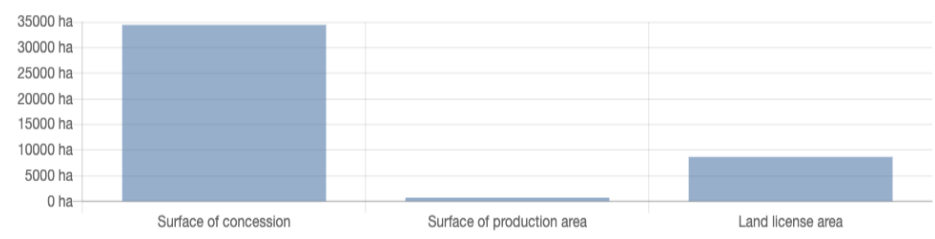
Moma Titanium Minerals Mine

Shareholders	African Acquisition SARL, Prudential Plc, Premier Miton Group, FIL Limited, European Investment Bank
Stockexchange	Primary: London Stock Exchange (KMR), secondary: Euronext Dublin (KMR)
CSR Policy	https://www.kenmareresources.com/sustainability confer: KMAD reports and sustainability reports
Commitment	NOSA Occupational Health, Safety and Environmental Management System IFC Performance Standard 2006
Zone of Influence	Topuito, Pilibili and Mpaco localities

Deposit

Mineral(s) mined Ilmenite, Rutile, Zircon

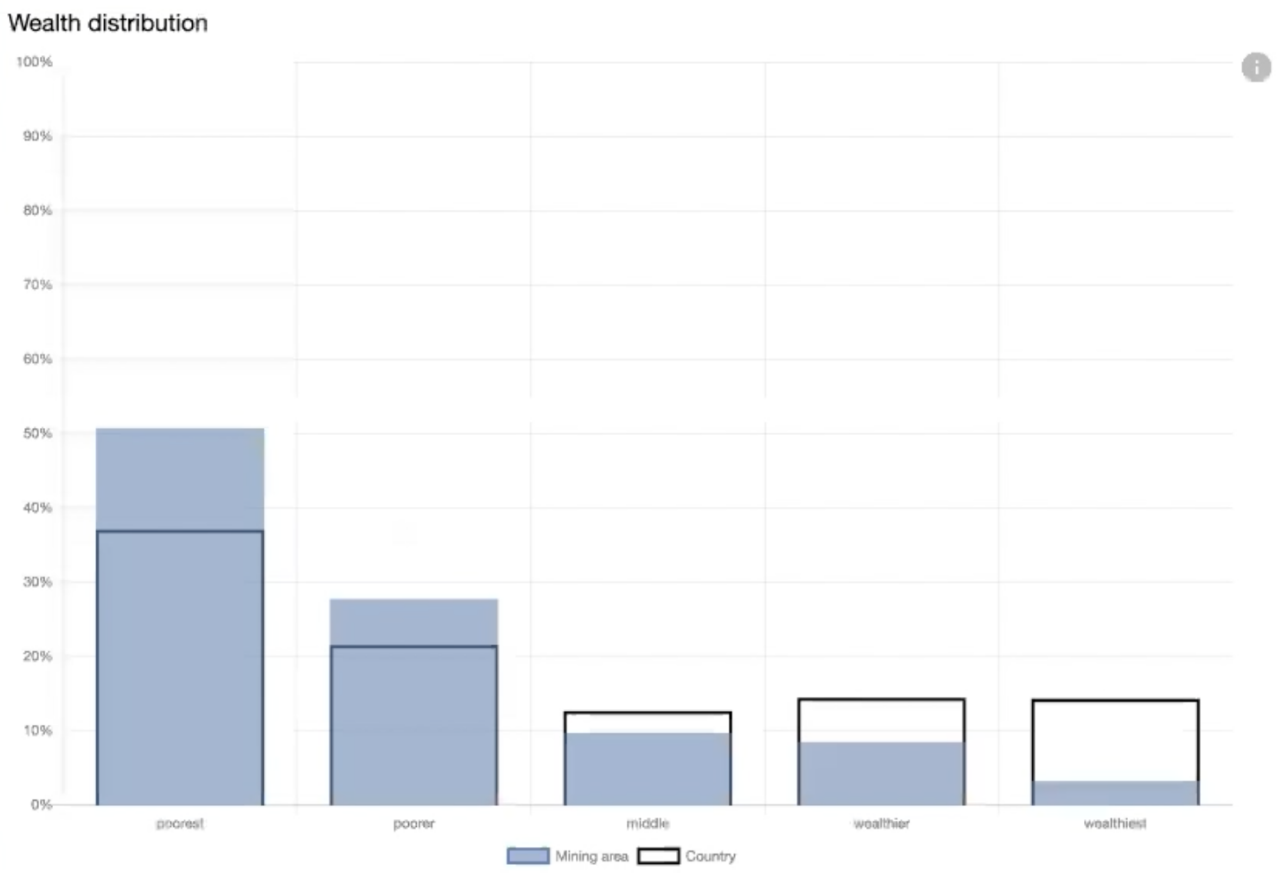
Extractive operations



Current stage of project	Production	ASM activities in the area?	No
Start date of operations	Jan 1, 2014	Start date of construction	Dec 1, 2004
Estimated lifespan	100+	Contract duration	2029 - renewable
Processing before export	Yes: Magnetic separation to separate out ilmenite. Electrostatic separation for rutile and zircon		



Wealth distribution 2018



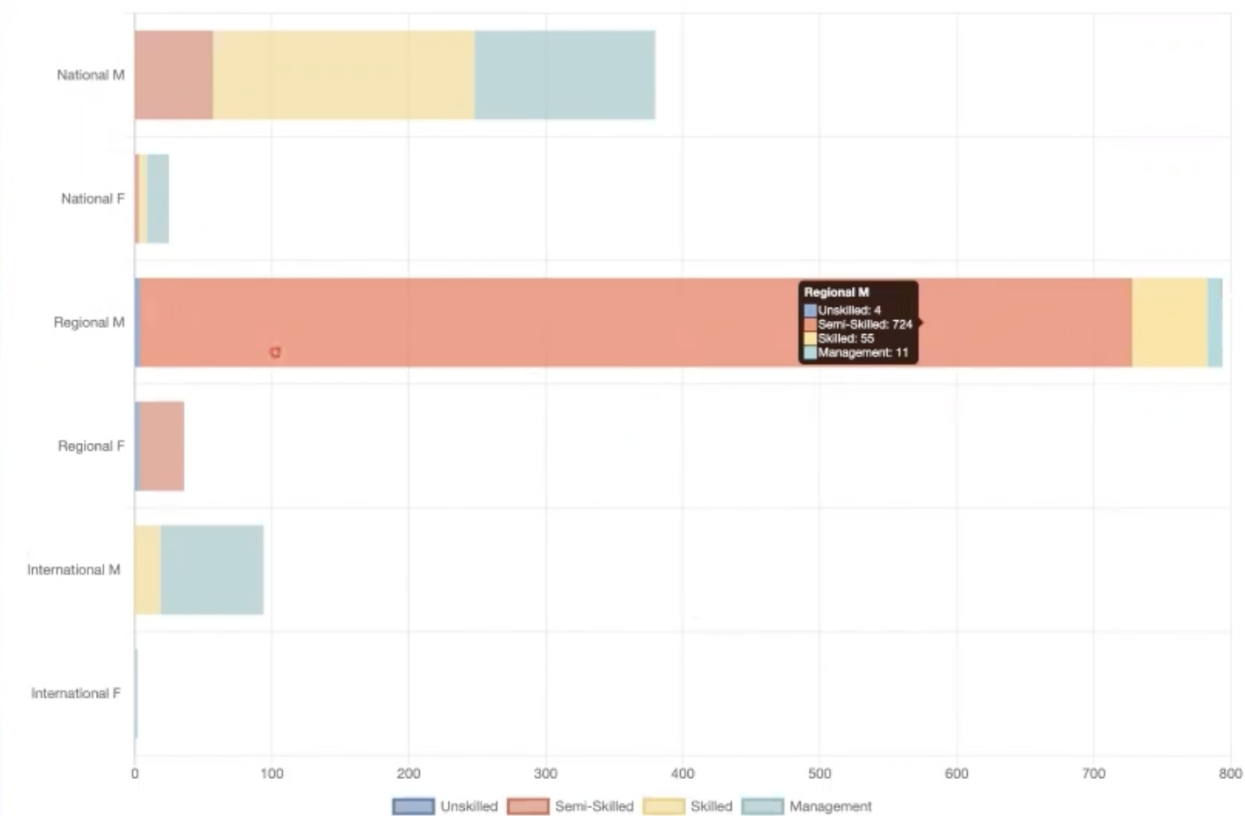
This mine is located in an are that is poorer than country average. Positive development would be if local population (blue pillars) moves to the right



Company employment

(2019)

Company employment



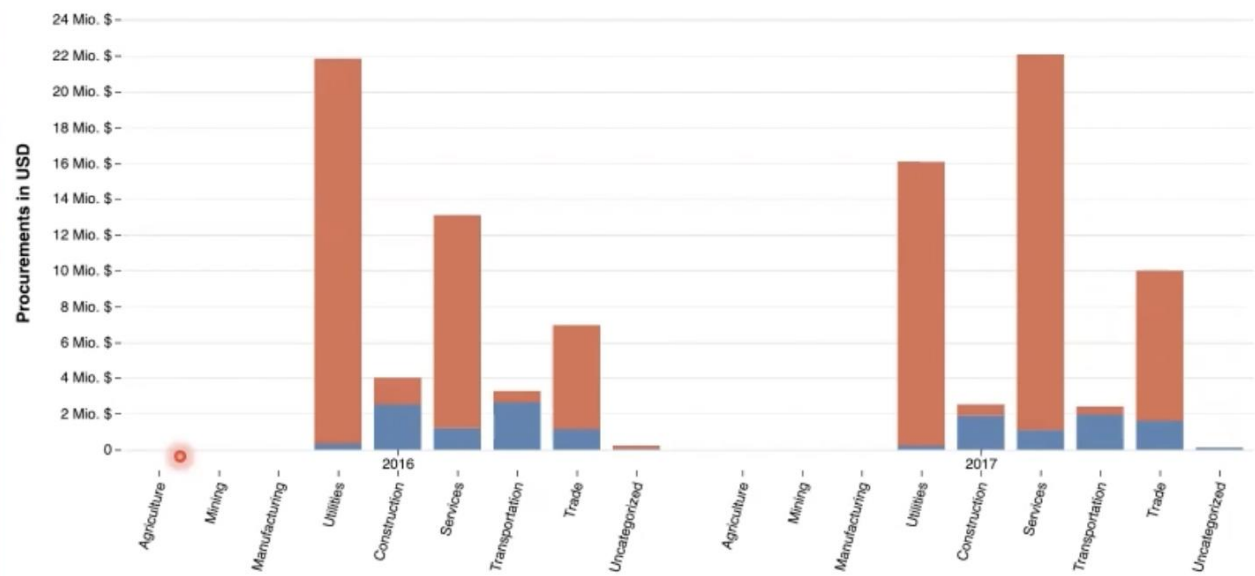


Local procurement 2016, 2017

Local procurement

Agriculture
 Mining
 Manufacturing
 Utilities
 Construction
 Services
 Transportation
 Trade
 Uncategorized

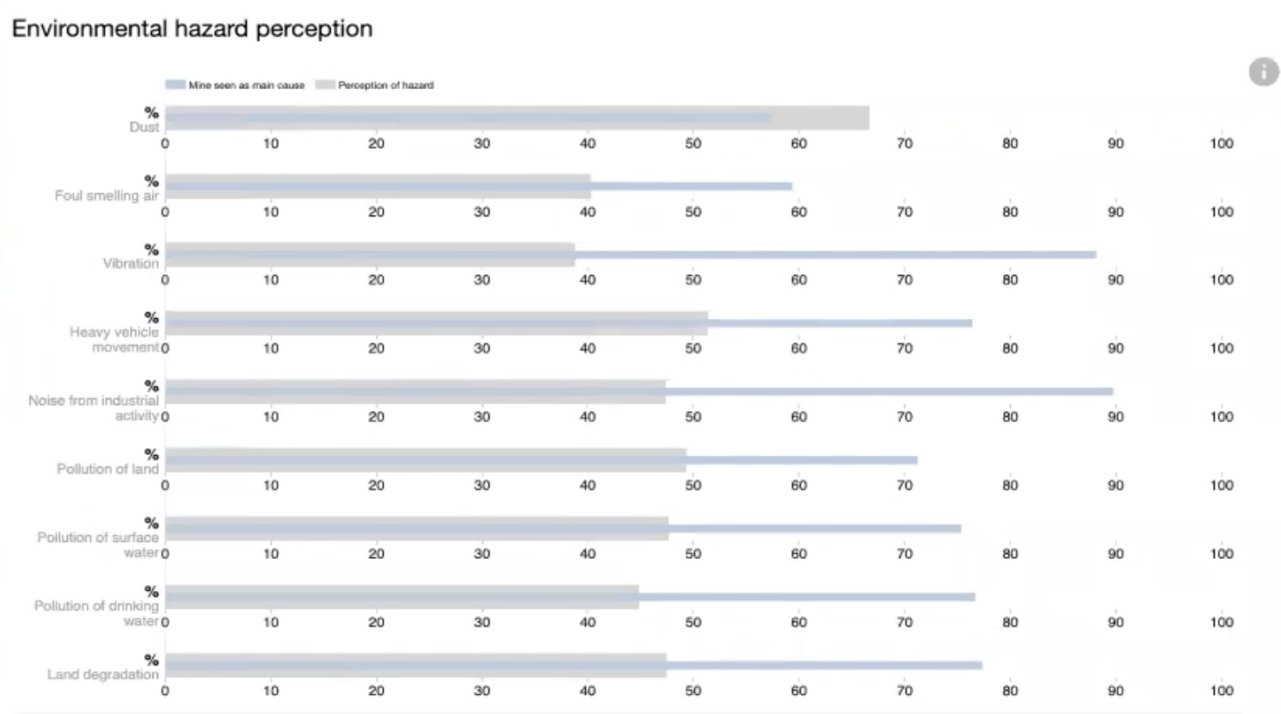
Regional
 National



Regional procurement is extremely low. High rates for sectors that are not labor intensive and have limited knock-on effects

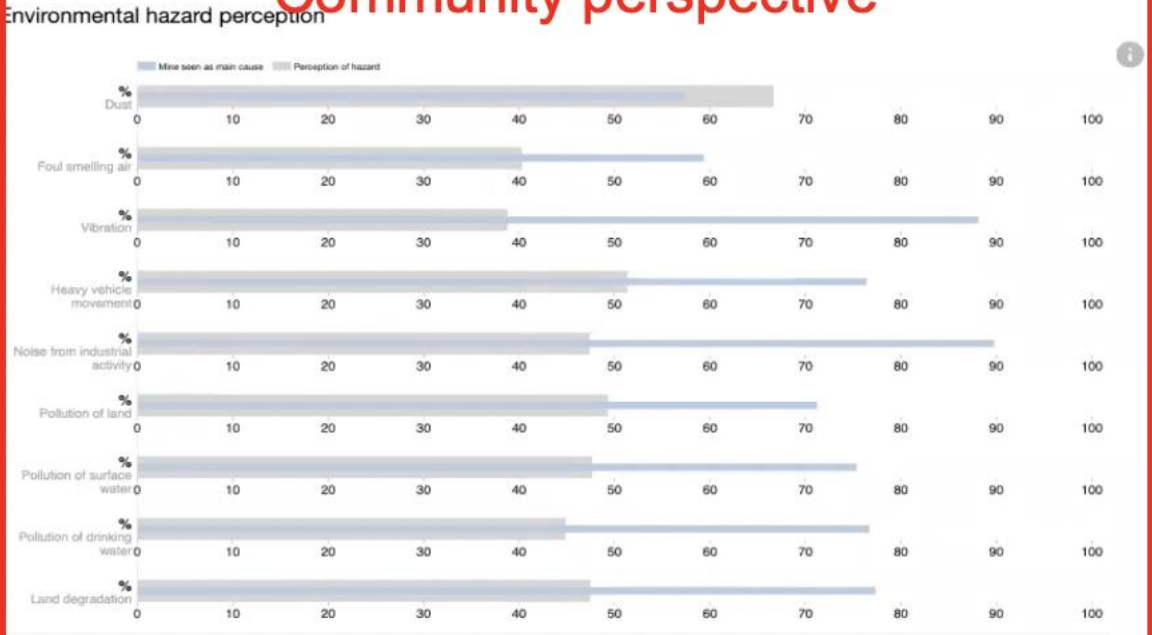


Environmental hazard perception 2019



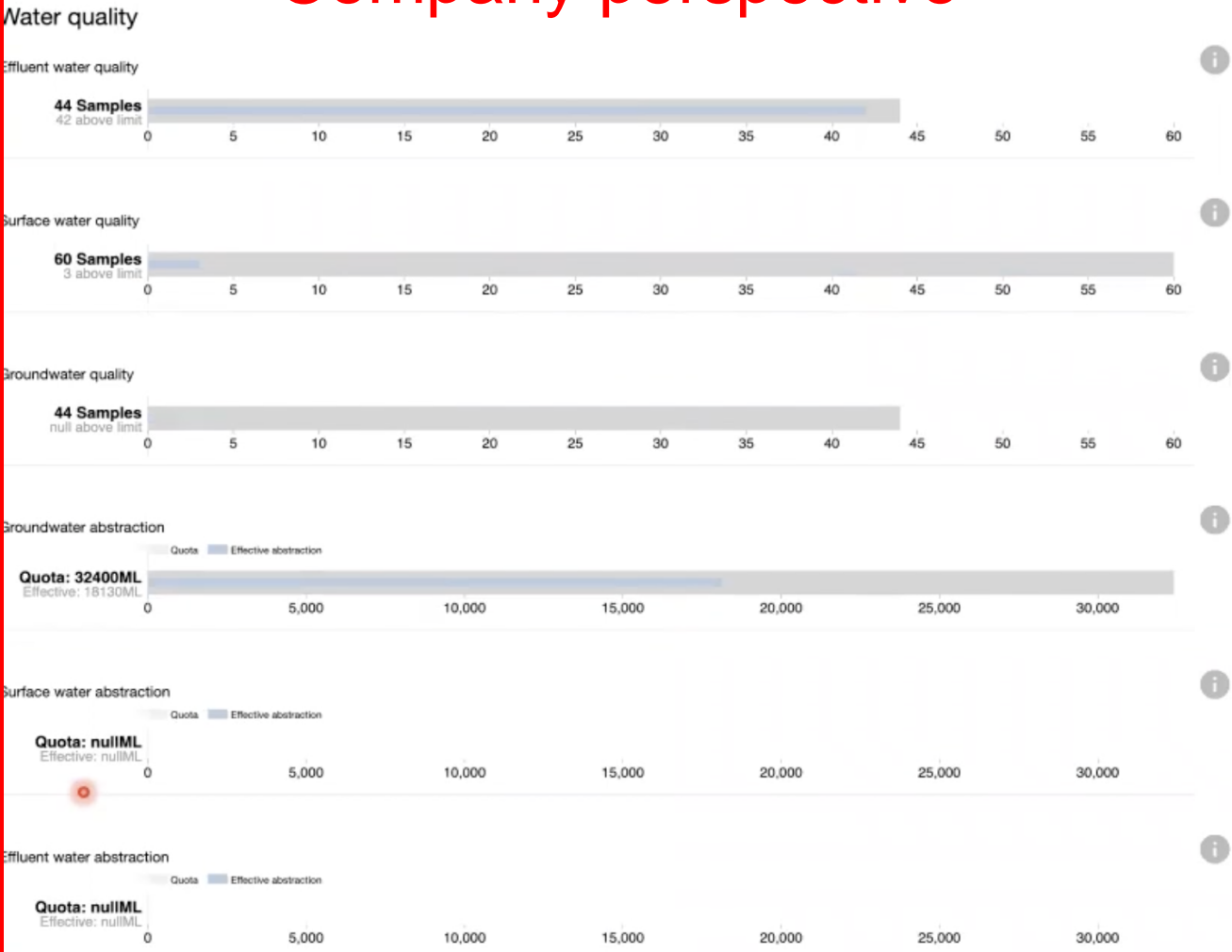
Environmental hazard perception 2019

Community perspective



Water use and quality 2017

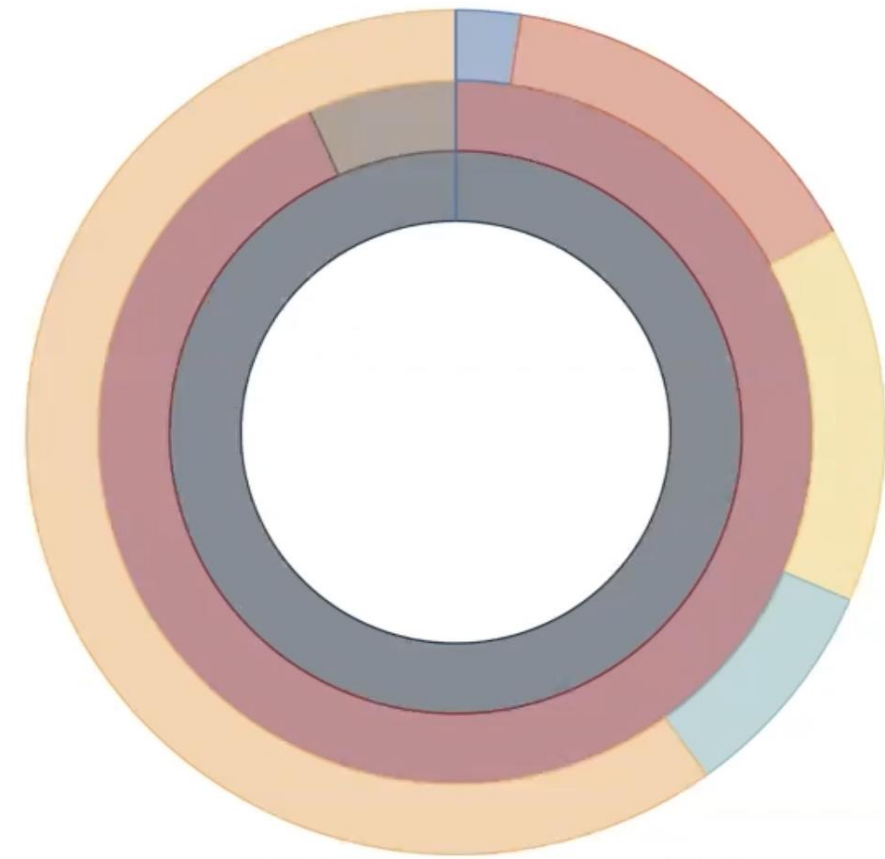
Company perspective



Community heterogeneity

2019

Community heterogeneity



Living in the area for

- < 1 year
- 1 - 5 years
- 6 - 10 years
- 10 - 20 years
- > 20 years

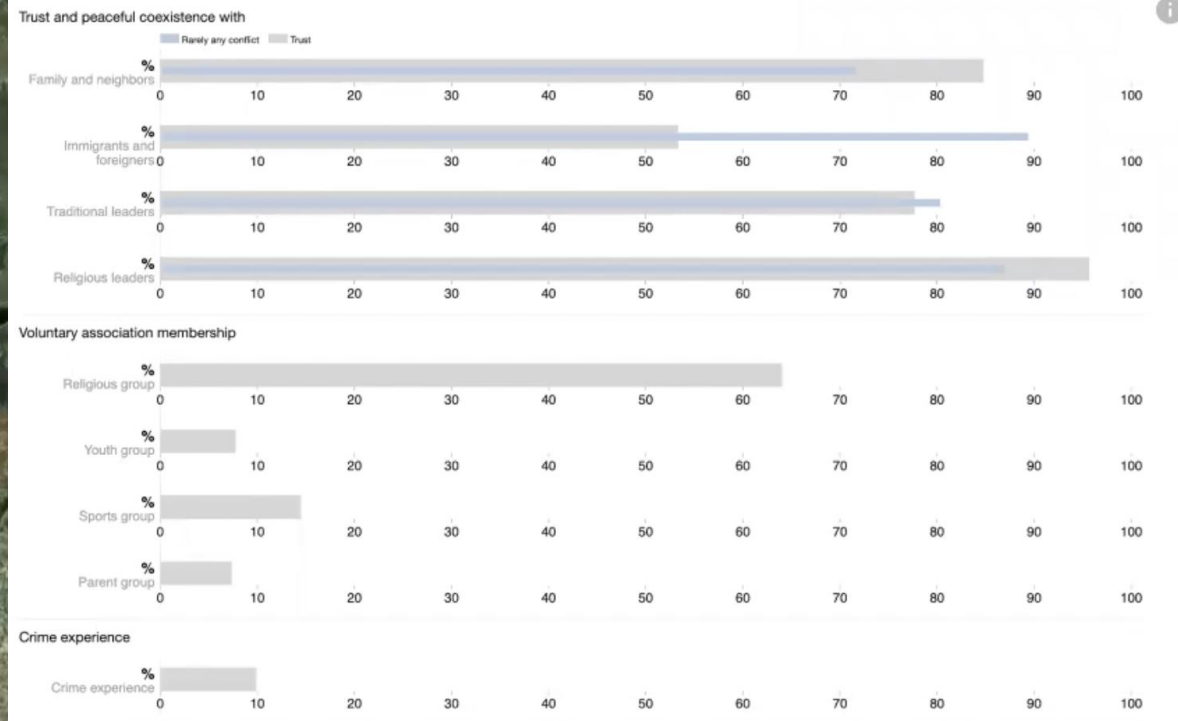
Ethnic background

- Macua
- Other

Nationality

- Mozambique
- Other

Community cohesion



In this case, 1/3 of the population moved into the area after the mine operations started. Trust relationships are clearly affected.

Company perspective

Community interactions

Information and consultation

	2016	2017
Meetings with local authorities: (total participants)	14 (14)	10 (23)
Meetings with community representatives: (total participants)	- (-)	- (-)
Public townhall meetings: (total participants)	2 (140)	4 (280)
Information campaigns:	4	7

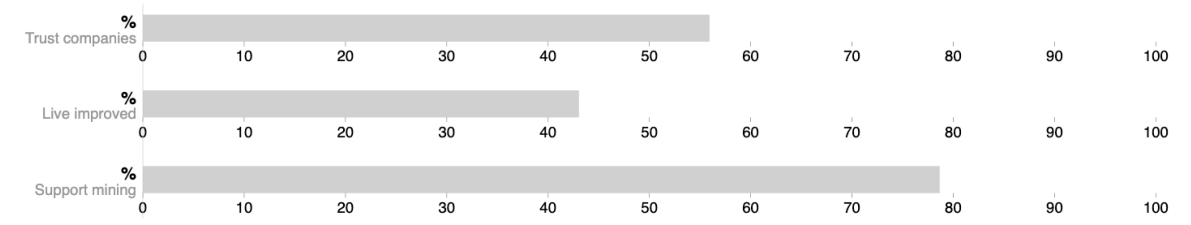
Attitude towards company

2019

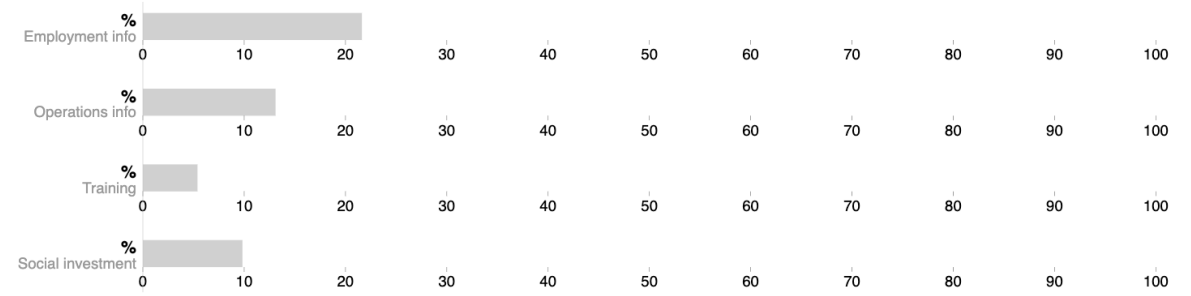
Community perspective

Attitude towards company

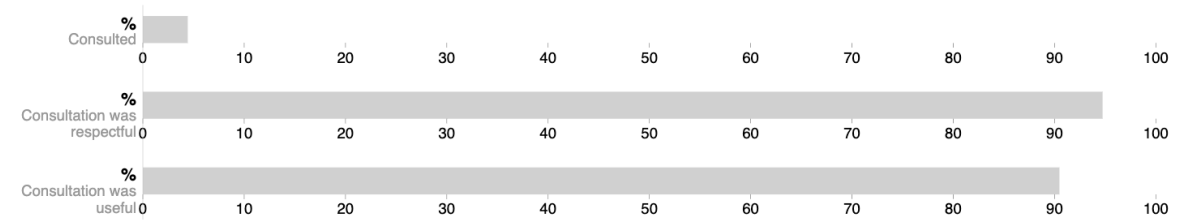
Acceptance



Information received



Consultation



Consultas têm um grande potencial.
Mas continuam a ser a excepção.

Grievances

Company perspective

2015

Grievance: Complaints (including ASM miners)	3 (-)
Grievance: Protests (including ASM miners)	1 (-)
Grievance: Conflicts (including ASM miners)	- (-)
Business interruptions:	1

2015

- Category:** Complaint
Keyword: Damage of fishing net
- Category:** Complaint
Keyword: Delay of payment for drop compensation
- Category:** Protest
Keyword: Lack of clear communication regarding compensation for machambas

Grievance Handling

2015

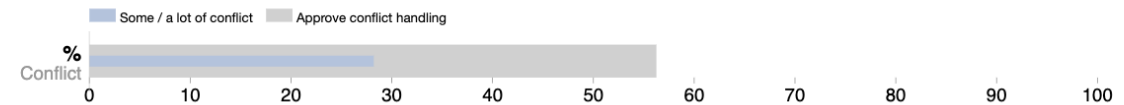
Complaints received:	4
Complaints resolved:	4

Attitude towards company

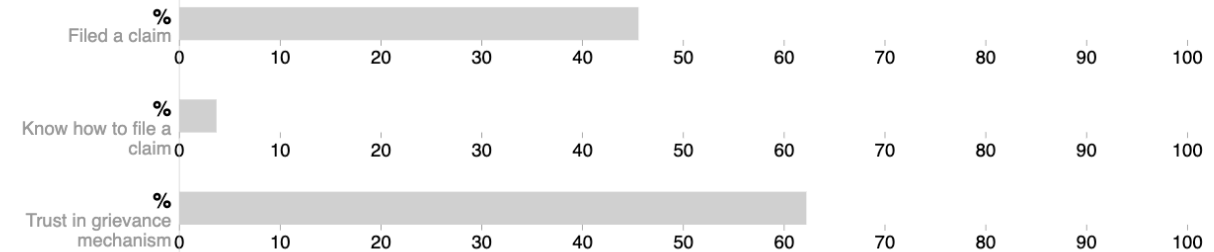
2018

Community perspective

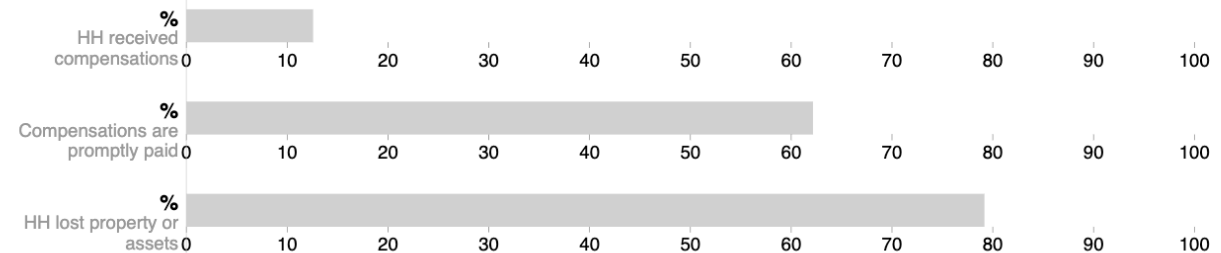
Community-company conflict



Grievance mechanism



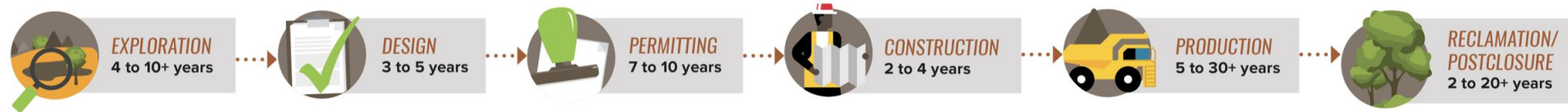
Compensation



As pessoas não estão satisfeitas com a compensação que receberam, apenas algumas receberam, muitos reclamam bens perdidos. Nível de conflito bastante elevado, o tratamento de conflitos é na sua maioria aprovado. Mecanismos queixas são de confiança e utilizados, mas podem ser melhorados.

Quando começar a usar o RID?

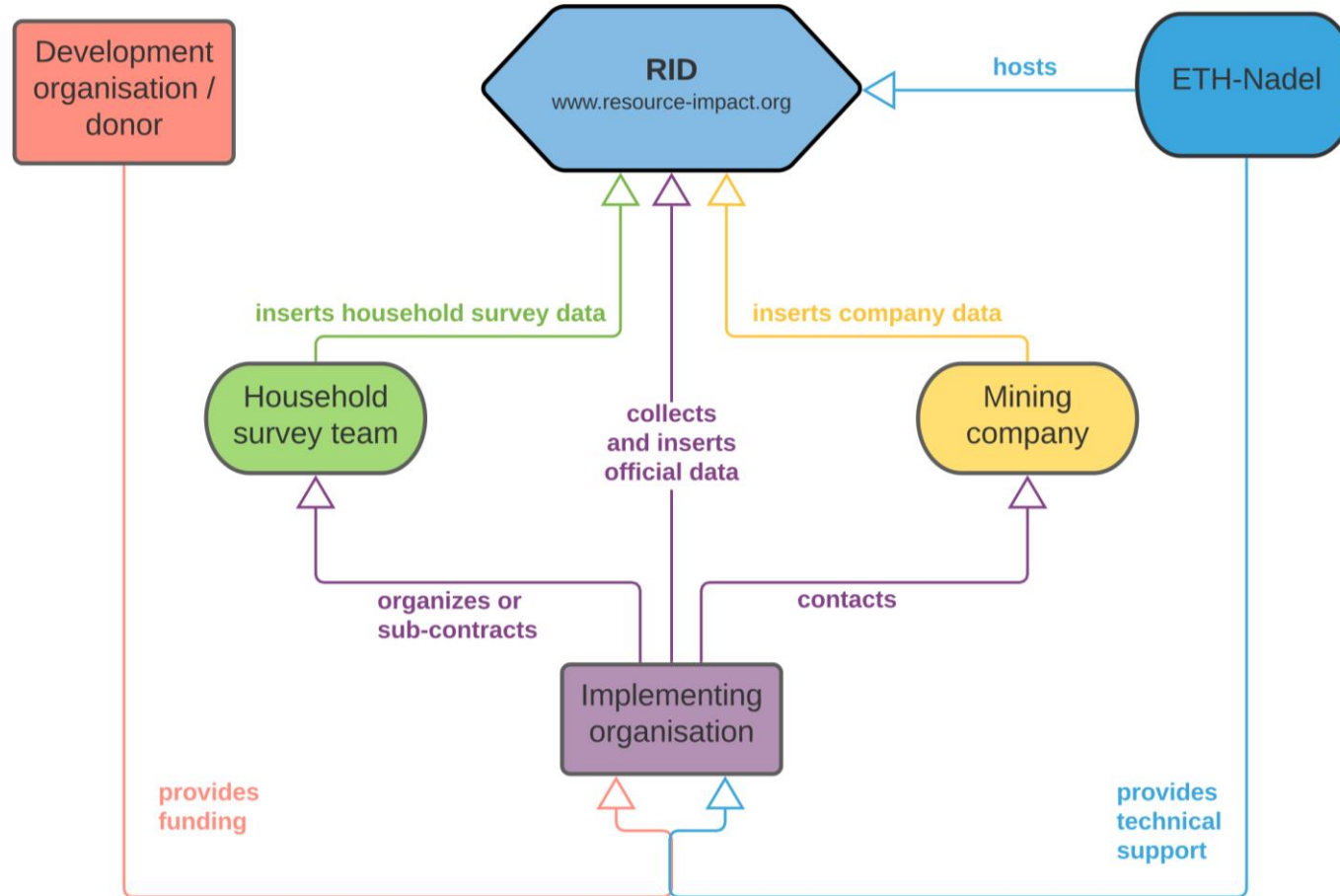
- Em qualquer momento
- O mais importante é continuar ao longo do tempo
- Idealmente ao longo de todo o ciclo de vida da mina



Quem pode tomar a iniciativa de implementar o RID?

- Empresa de mineração
- Governo
- Agencias de desenvolvimento
- Sociedade civil, ONGs

Sumário de implementação



Muito obrigado

<https://www.resource-impact.org/>



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