



**Rare butterfly found in Brumadinho** indicates ways to the recovery of the biodiversity in the region.

Photo: Guarda-Chuva

# Reparation **Report**





## Message from the **President**



Photo: Vale Archive

**Eduardo Bartolomeo**  
president

Brumadinho was the trigger for our cultural transformation and defined our north: to learn together. Our purpose and values will lead us to the company we want to be: safer, more reliable and more human. All efforts are made to put people at the center of our decisions, starting with attentive listening and open dialogue with employees and communities.

We are humble to recognize that we do not have all answers and solutions have to be built collectively, with the participation of all stakeholders. To assure non-repetition is a principle that inspires us to work tirelessly so that nothing similar happens again. Brumadinho accelerated our understanding that we have to preserve and generate local wealth and people have to be positively impacted.

We are 80 years old, and over that time, we have invested in the excellence of our products, we have participated in the history of Brazil actively and contributed to the development of the countries where we work. We follow our ambition to be a sustainable operator, leader in low carbon. Everything we've built so far, this legacy of ours, should be a lever for our transformation journey. We will never forget Brumadinho.

**We are all #JuntosParaTransformar.**



## Message from the **Director**

Three and a half years have passed since the dam in Brumadinho broke. We continue to dialogue with the victims' families and carry out the reparation work with all our efforts, seeking to honor each life lost. We also listen to the communities and the government actively, paying attention to the needs of each affected person and the families impacted by emergency evacuations and preventive relocations in the territories where the dam safety level changed.

In this material, you follow the progress of the Comprehensive Reparation Agreement, the works and the structuring actions in Brumadinho and the region, in addition to what we are doing to continue to assure quality water to the riverside populations of Paraopeba. In the evacuated territories, the Compensation and Development Plans contemplate actions to strengthen health care, boost tourism and the local economy. The revitalization and the delivery of new public facilities, professional training, consulting for entrepreneurs and educational methodologies for creative learning in schools are some of the highlights.

**We will continue tireless in the Reparation and I would like to repeat once again that we will never forget Brumadinho.**

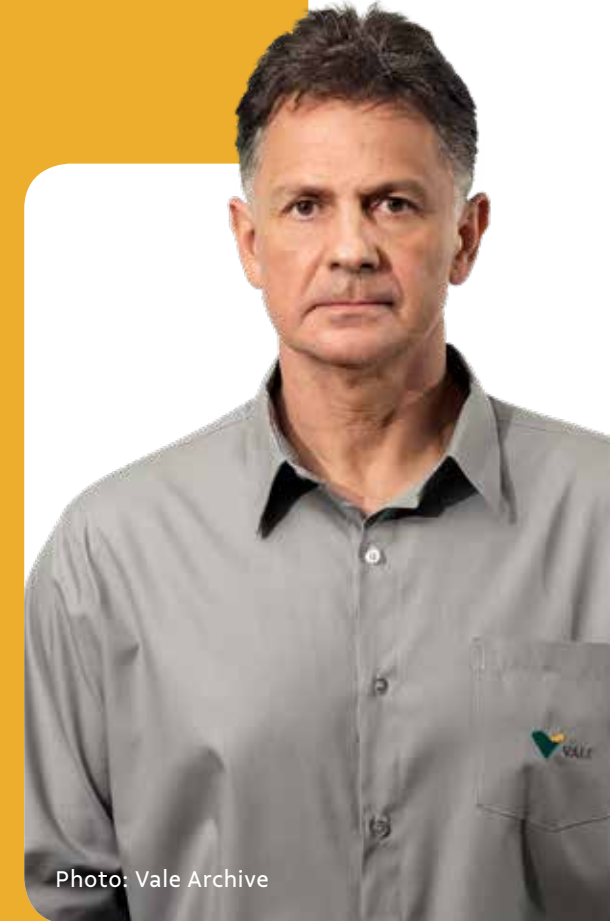


Photo: Vale Archive

**Marcelo Klein**  
Reparation and  
Territory Development  
Director.



# What you will see on the next pages

- Search Strategy** ..... 5
- Time Line 2022** ..... 6
- Brumadinho and the Paraopeba Basin** ..... 8
  - Comprehensive Reparation Agreement** ..... 10
    - Social-Economic Reparation Program ..... 14
    - Social-environmental Reparation Program ..... 27
    - Mobility Program and Public Service Strengthening Program ..... 34
    - Other obligations of the Comprehensive Reparation Agreement ..... 37
- Other Vale Initiatives** ..... 38
  - Care for the water and the shelter of animals ..... 40
  - Socioeconomics ..... 47
  - Social and infrastructure works ..... 54
  - Social ..... 66
- Evacuated Territories** ..... 76
  - Barão de Cocais** ..... 78
    - Compensation and Development Plan ..... 80
    - SRZ Reparation and Compensation Plan ..... 96
    - Dam Safety ..... 101
  - Antônio Pereira** ..... 107
    - Compensation and Development Plan ..... 108
    - Dam Safety ..... 120
  - Macacos** ..... 126
    - Compensation and Development Plan ..... 128
    - Dam Safety ..... 139
  - Itabirito** ..... 144
    - Compensation and Development Plan ..... 147
    - Dam Safety ..... 157
    - Conselheiro Lafaiete ..... 160
- Service Channels** ..... 165

## Search strategy – Fire Department of Minas Gerais

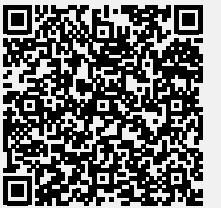
The operation of the 8th search strategy for victims of the break was resumed by the Minas Gerais Military Fire Department (CBMMG) this half year. The action was planned and studied by Vale, CBMMG Intelligence team, the Civil Police (through the Legal Medical Institute) and the participation of the victims’ families, with the purpose to make the work more effective and quick.

The search is now carried out at three stations set up in the area of the former Mine Córrego Feijão. Another two are scheduled to start operating in the next half year. These stations also bring gains in terms of safety for everyone involved in the operation in relation to the previous strategies.

**By the end of June, 266 victims were found and identified and 4 are still being sought. The search for the victims of the break started on January 25, 2019 and continues virtually uninterrupted, with two stops due to the Covid-19 pandemic.**



To access the latest released list, point your camera at the code beside or go to: [www.vale.com/reparacao](http://www.vale.com/reparacao)



Search Station of the 8th Strategy.

Photo: Vídeo Delivery

# Time line 2022

Handover of the refurbished court at Ribeirão do Eixo Municipal School, in Itabirito.

**JAN**

Official handover of the Palhano daycare in Brumadinho, to the municipal administration.

Launch of program Trilhas do Saber Aprendizagem Criativa in Itabirito.

Donation Term signature for R\$ 6,5 millions transfer for APAE – Itabirito.

Handover of the refurbished court Amanda Garden in Macacos.

Handover of Praça da Lagoa refurbished, in Barão de Cocais.

Beginning of the qualification of the actions of the Compensation and Development Plan in Antônio Pereira with the Committee and the Government.

Beginning of the Escola Cozinha project, with Instituto Yara Tupynambá, in Barão de Cocais.

**FEB**

Launch of program Trilhas do Saber Aprendizagem Criativa.

Conclusion of the Health Cycle in Brumadinho, Mário Campos and Sarzedo.

Beginning of the Escola Cozinha project, with Instituto Yara Tupynambá, in Barão de Cocais.

Beginning of the Barão de Cocais Economic Diversification Study in partnership with FIEMG-IEL.

**MAR**

Opening of the Central Square Forest area of the Córrego do Feijão Park Territory Project to be used by the community.

Completion of the maintenance of roads in Antônio Pereira.

Start of workshops Galera Mão na Massa in Macacos.

Completion of the Health Cycle in Barão de Cocais.

Completion of the Health Cycle in Pará de Minas.

Start of the project Galera Mão na Massa in Macacos.

Donation of executive projects for the construction of UBS in Itabirito.

Completion of the Health Cycle in Macacos.

**APR**

Handover of the first phase of the refurbishment of Municipal Polyclinic Antônio Fernandes.

Opening of the Pergola area of the Central Square of the Córrego do Feijão Park Territory Project to be used by the community.

Handover of the refurbished Sports Center to the municipal administration.

Renewal of the Health Cycle program in Itabirito for another six months.

Completion of the Health Cycle in São Joaquim de Bicas.

Handover of the refurbished Civil Defense post in Macacos.

Donation of computers to Universidade Aberta do Brasil (UAB) – Polo Barão de Cocais.

Resumption of the works for elimination of the South Superior dam in Barão de Cocais.

Beginning of the pavement of Terezinha Pessoa Street in Antônio Pereira.

**MAY**

More than 13 thousand people involved in indemnity deals, civil and labor.

Completion of the Social Participation Strengthening Program.

Start of the project Galera Mão na Massa in Itabirito.

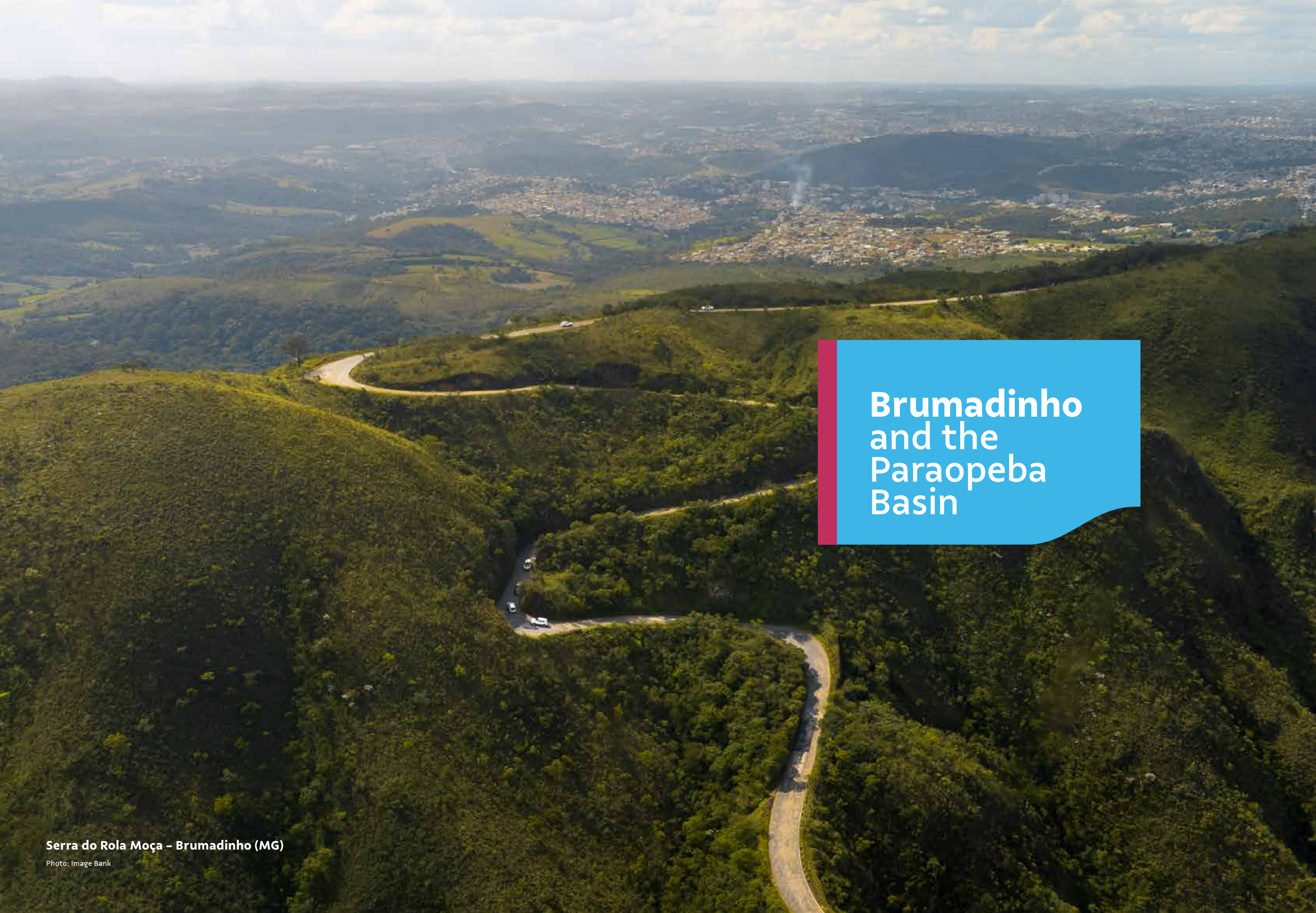
Public consultation to choose a totem for the entrance of Macacos.

Start of the Labor Market Preparation Program (PPMT), in Barão de Cocais.

Transfer of funds to the Entrepreneur Program of ACIABAC in Barão de Cocais.

**JUN**



An aerial photograph showing a winding asphalt road on a lush green hillside. The road curves through the forest, with several cars visible. In the background, a large city is spread across a valley, with a plume of smoke or steam rising from one area. The sky is bright with scattered clouds.

## Brumadinho and the Paraopeba Basin

Serra do Rola Moça – Brumadinho (MG)

Photo: Image Bank



# Comprehensive Reparation Agreement



Equipped emergency rooms -Brumadinho (MG)

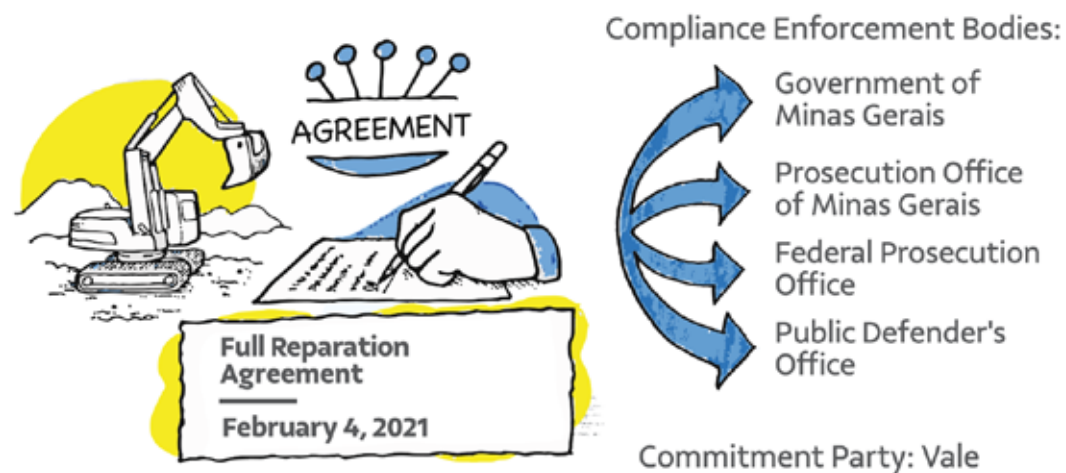
Photo: Pro-Brumadinho Committee Site

We remain committed to fulfilling the obligations and commitments set out in the Comprehensive Reparation Agreement. Check the progress in the last six months on the following pages.



## Understanding the Full Reparation Agreement

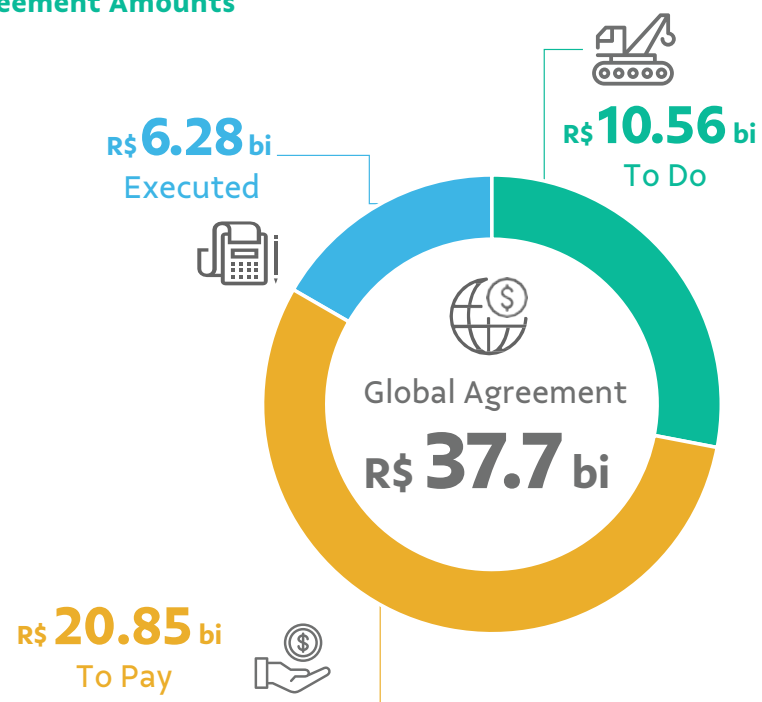
To continue working to make reparations in Brumadinho and other communities affected by the dam failure, **on February 4, 2021, the Full Reparation Agreement** was signed between Vale and the parties involved.



With an estimated value of R\$ 37.7 billion, the document defines Vale's obligations to do and pay, with a view to socio-economic and socio-environmental reparations.

The Agreement also provides for funds for hiring independent audits, with the aim of helping institutions monitor the execution of projects.

### Full Reparation Agreement Amounts



### Vale Responds

#### How will we know that the actions are being carried out and that the money of the Agreement is being used correctly?

The Comprehensive Reparation Agreement provides resources for the contracting of independent audits, with the purpose to assist the Institutions in the follow-up of the execution of Vale's obligations to do, both from financial point of view and fulfillment of the purposes of each project. In addition, the competence of the other bodies and authorities with legal attribution to inspect and control the actions resulting from the agreement will be kept and respected.



You can get more information about the **Comprehensive Reparation Agreement** on the site of the Pro-Brumadinho Committee: [mg.gov.br/pro-brumadinho](http://mg.gov.br/pro-brumadinho)



# Social-Economic Reparation Program (Annex I)

## Stay tuned

| Annexes  | Classification           | Value*            | Progress   |
|--|--------------------------|-------------------|--|
| I.1 – Affected Communities Demand Projects                   | Vale’s obligation to PAY | R\$ 3 billion     | Waiting for the financial institution to transfer the amount deposited by Vale as a guarantee for the company to complete the payment in order to settle the obligation. |
| I.2 – Program for Income transfer to the affected population | Vale’s obligation to PAY | R\$ 4.4 billion   | Total payment made by Vale in 2021 duly corrected.   |
| I.3 – Projects for the Paraopeba Basin                       | Vale’s obligation to PAY | R\$125 million    | Waiting for the financial institution to transfer the amount deposited by Vale as a guarantee for the company to complete the payment in order to settle the obligation. |
| I.3 – Projects for the Paraopeba Basin                       | Vale’s obligation to DO  | R\$ 2,375 billion | Detailed initiatives and ongoing projects  |
| I.4 – Projects for Brumadinho                                | Vale’s obligation to DO  | R\$ 1.5 billion   | Detailed initiatives and ongoing projects  |

\*Amounts corrected by IPCA, as defined in the Agreement.

### Vale’s obligation to Do

Within the **Quick Response Package**, the **parties\*\*** approved and started 16 projects, 07 of which in Brumadinho and 09 in the other 25 municipalities in the Paraopeba Basin. Vale has already started the execution, which is followed up and inspected by the parties with technical support from the Socioeconomic Audit of Fundação Getúlio Vargas.

We are also progressing with the Ordinary Flow initiatives selected based on the Popular Consultation held by the parties in November 2021. Vale received 150 initiatives to be studied and have their projects prepared. According to the deadlines established in the Agreement, the company will send the projects for analysis by the involved parties and by the Socio-Economic Audit. The projects are carried out by Vale only after authorization by the involved parties.



### Social-Economic Reparation

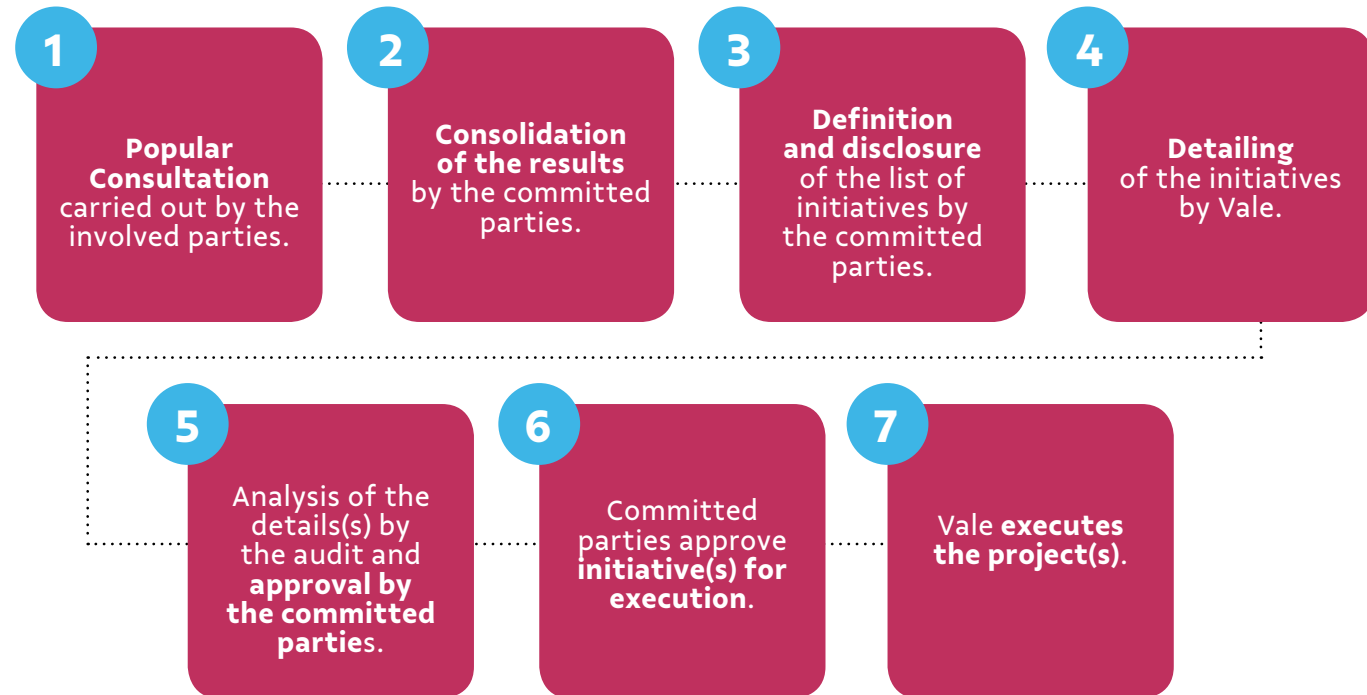
 Projects for **Brumadinho**

 Projects for the **Paraopeba River Basin**  
**25 municipalities**

\*\*Committed Parties: Government of Minas Gerais, Public Prosecutor's Office of Minas Gerais (MPMG), Federal Public Prosecutor's Office (MPF) and Public Defender's Office of Minas Gerais (DPMG).



## Project approval flow



### What is Quick Response Pack?

In order to speed up the start of social and economic development actions, the committing parties indicated priority projects. These projects form the Rapid Response Package and will receive part of the total amount intended for the Social-Economic Reparation Program (Annexes I.3 and I.4). The projects were indicated by the committed parties and Vale is responsible for the execution.



### When was the Popular Consultation done?

Agreement. The consultation for the Ordinary Flow was carried out by the parties between November 5 and 22, 2021, in Brumadinho and in the other 25 affected municipalities.

10,843 participants identified areas they consider to be priorities for receiving resources in social-economic repair projects aimed at strengthening of the public services.

Learn more on: [www.mg.gov.br/pro-brumadinho](http://www.mg.gov.br/pro-brumadinho)

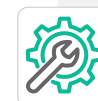


Go to the site through this code

## Follow up the execution of the approved projects

### Paraopeba Basin (Annex I.3)

**Contemplated municipalities:** Abaeté, Betim, Biquinhas, Caetanópolis, Curvelo, Esmeraldas, Felixlândia, Florestal, Fortuna de Minas, Igarapé, Juatuba, Maravilhas, Mário Campos, Mateus Leme, Morada Novas de Minas, Paineiras, Papagaios, Pará de Minas, Paraopeba, Pequi, Pompéu, São Gonçalo do Abaeté, São Joaquim de Bicas, São José da Varginha and Três Marias.



### Survey, Identification and Georeferencing of Properties Subject to Land Regularization

#### Purpose

Support the land regularization of rural territorial occupations (areas of tenure) and unregistered areas in the 25 municipalities of the Paraopeba river basin.

#### Scope

- Acquisition and delivery of equipment and materials to the State Department of Agriculture, Livestock and Supplies (Seapa) for the regularization of rural properties.
- Mobilization of the municipalities and squatters for public hearings and registration of properties subject to land regularization;
- Provision of georeferencing services for registered properties subject to land regularization.

**Forecast for completion:** June 2025.



### Donation of fair kits, structuring of fairs in the municipalities and technical and management guidance on rural products

#### Purpose

Support the suitability of the infrastructure of the fairs in the affected municipalities and train the farmers eligible for the project regarding the technical and management administration of the production and commercialization of agricultural products.

#### Scope

Purchase and delivery of kits to the producers for the structuring of the fairs. Qualification events will also be held to enhance the fairs

**Forecast for completion:** June 2024

In progress



### Strengthening of the municipal social assistance services

#### Purpose

Contribute to the strengthening of the Unified Social Assistance System (SUAS).

#### Scope

- Payment via judicial deposit to the municipality, which may define, in its Application Plan, whether it will invest in the expansion of technical teams and/or in the acquisition of goods and materials for the public facilities of SUAS;
- Qualification of workers, counselors and managers of the governmental and non-governmental social assistance network to be carried out by Vale through a higher education institution to be contracted.

**Forecast for completion:** November 2026

In progress



### Rural road maintenance program and works of environmental recovery – Phase A and B

#### Purpose

Equip and qualify the city halls to carry out the maintenance of rural roads with environmental focus.

#### Scope

**Phase A:** acquisition and delivery of 75 equipment units for maintenance of rural roads, with three machines for each of the 25 municipalities in the basin, as chosen and prioritized by the municipalities.

**Phase B:** qualification of technical teams and operators of machinery and equipment responsible for the maintenance of unpaved rural roads, through the development of a road maintenance procedure and practical and theoretical training.

**Forecast for completion: Phase A:** November 2023. **Phase B:** October 2023

In progress



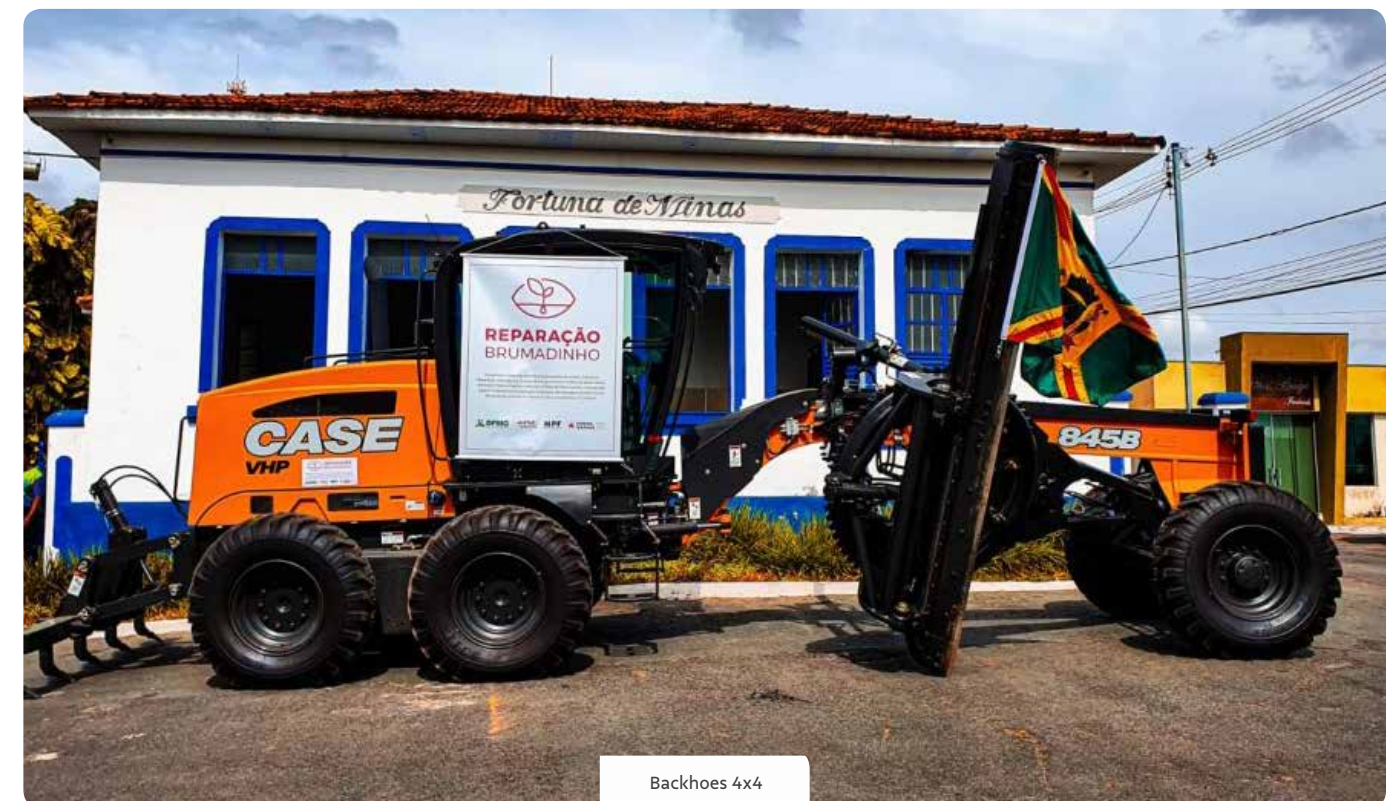
### Vale Responds

#### Will these machines be used prioritizing the affected communities?

Vale is responsible to equip (buy and deliver machines and equipment) and qualify the teams of the city halls to carry out maintenance on rural roads. It is up to the municipality to define which roads will be serviced, when and how.

| 24 Machines Delivered* |  |          |
|------------------------|--|----------|
| Machines               | Municipalities   | Quantity |
| Backhoes 4x4           | Pequi and Paraopeba  | 2        |
| Dumper truck           | Pompéu, Felixlândia and Biquinhas  | 3        |
| Motor Grader           | Juatuba, Igarapé, Esmeraldas, Betim, Curvelo, Felixlândia, Florestal, Abaeté, Fortuna de Minas, Morada Nova de Minas and Paineiras | 11       |
| Bulldozer              | Caetanópolis, Abaeté, Felixlândia, Betim and Esmeraldas  | 5        |
| Body truck             | Mário Campos   | 1        |
| Dump truck             | Mateus Leme  | 1        |
| Tank Truck             | São Joaquim de Bicas   | 1        |

\*Dados apurados até 28/06/2022.



Backhoes 4x4

Photo: Pro-Brumadinho Committee Site





### Professional Education Program

#### Purpose

Offer professional qualification courses focused on the development of knowledge and skills that contribute to enter job market.

#### Scope

Offer up to 5,850 vacancies, distributed in 25 municipalities, according to criteria defined by the State Department of Social Development (C); grants (transport and food costs) and guidance and referral to job opportunities. Target population: people in situations of vulnerability, primarily young people and communities identified in the diagnostic stage carried out by Sedese.

**Forecast for completion:** May 2025

In progress



### Vale Responds

**Who will be able to enroll in the courses?  
How will I know that the enrollment is open?**

The initial estimate presented by Sedese (Secretariat of State for Social Development) / SUBTE (Subsecretary of Labor and Employment) provides about prioritization of people in vulnerable situations, especially young people. At the start of the registration, this information will be released. The disclosure will be made in the municipalities by the institution hired to carry out the courses with monitoring of Sedese, city halls and Vale.



### Primary Health Care Strengthening Program

#### Purpose

Adoption of actions to contribute to the strengthening of Primary Health Care through structuring and adaptation of Primary Care Units.

#### Scope

Payment via judicial deposit to the affected municipalities to strengthen Primary Health Care, based on the increase in personnel and qualification of teams and investments in the structuring and the adaptation of Primary Care Units.

**Status:** obligation to do converted into obligation to pay.  
Payment will be made by Vale via judicial deposit **until the end of July 2022.**



### Psychosocial Assistance Network Strengthening Program

#### Purpose

Adoption of actions to contribute to the strengthening of the Psychosocial Care Network for the promotion and qualification of teams located in the municipalities.

#### Scope

Payment via judicial deposit to the affected municipalities to strengthen the Psychosocial Care Network (RAPS) based on the increase in personnel, qualification of teams and adaptation of Psychosocial Care Units. The contemplated municipalities are: Betim, Curvelo, Esmeraldas, Felixlândia, Igarapé, Mateus Leme, Morada Nova de Minas, Pará de Minas, Pompéu, São Joaquim de Bicas and Três Marias.

**Status:** obligation to do converted into obligation to pay.  
Payment will be made by Vale via judicial deposit **until the end of July 2022.**



### Promove Minas

#### Purpose

Adoption of actions to contribute to the strengthening of the multidisciplinary teams within the scope of Health Promotion, Integrative and Complementary Practices and Permanent Health Education.

#### Scope

Payment via judicial deposit to the affected municipalities to strengthen multidisciplinary teams within the scope of Health Promotion, Integrative and Complementary Practices and Permanent Health Education.

**Status:** obligation to do converted into obligation to pay.  
Payment will be made by Vale via judicial deposit **until the end of July 2022.**



### Structuring of the Emergency Rooms

#### Purpose

Adoption of actions to contribute to the expansion of emergency care capacity in the health area.

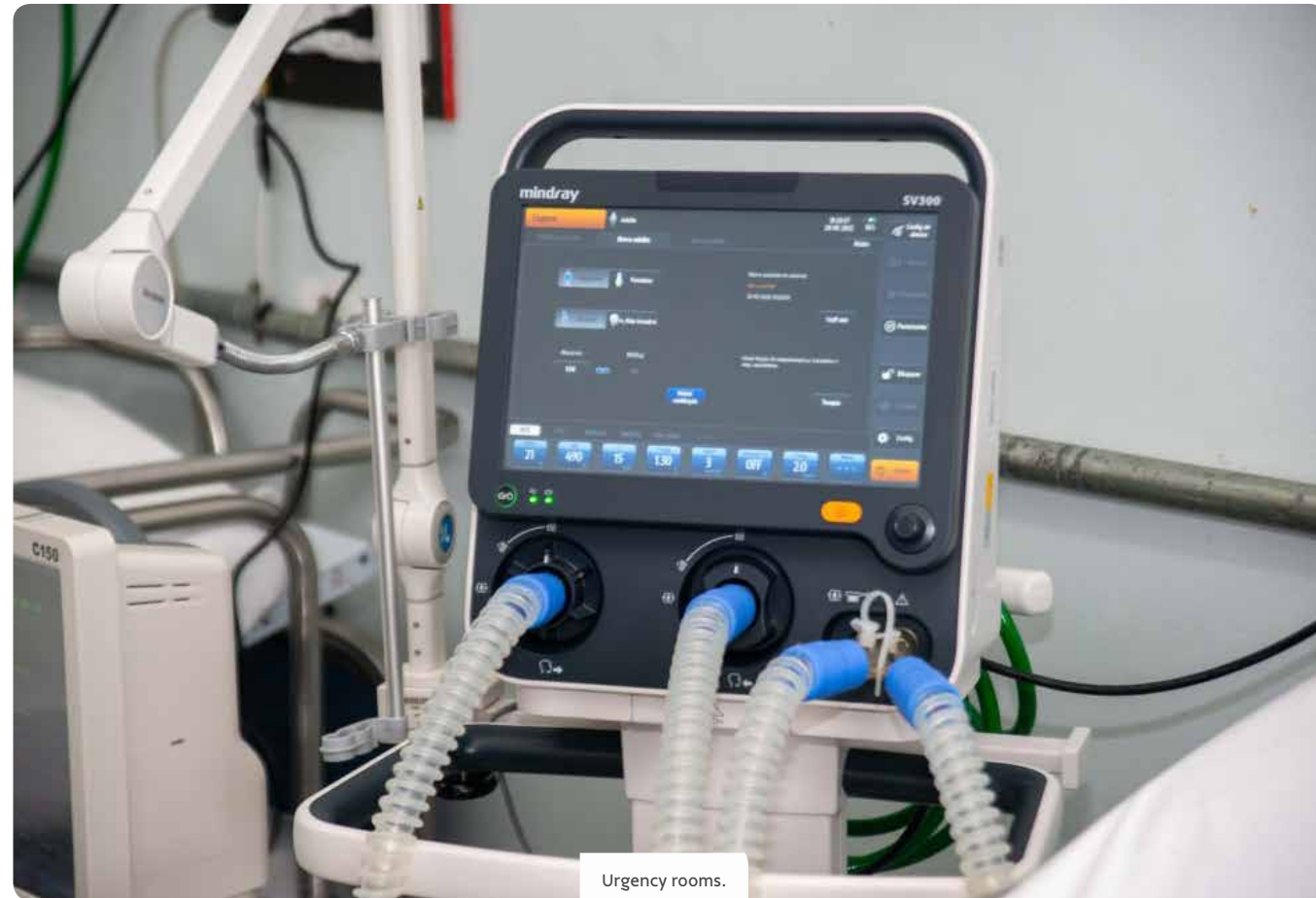
#### Scope

Structuring an emergency room in the affected municipalities through acquisition, delivery and installation of goods, equipment and furniture.

**Forecast for completion:** August 2022

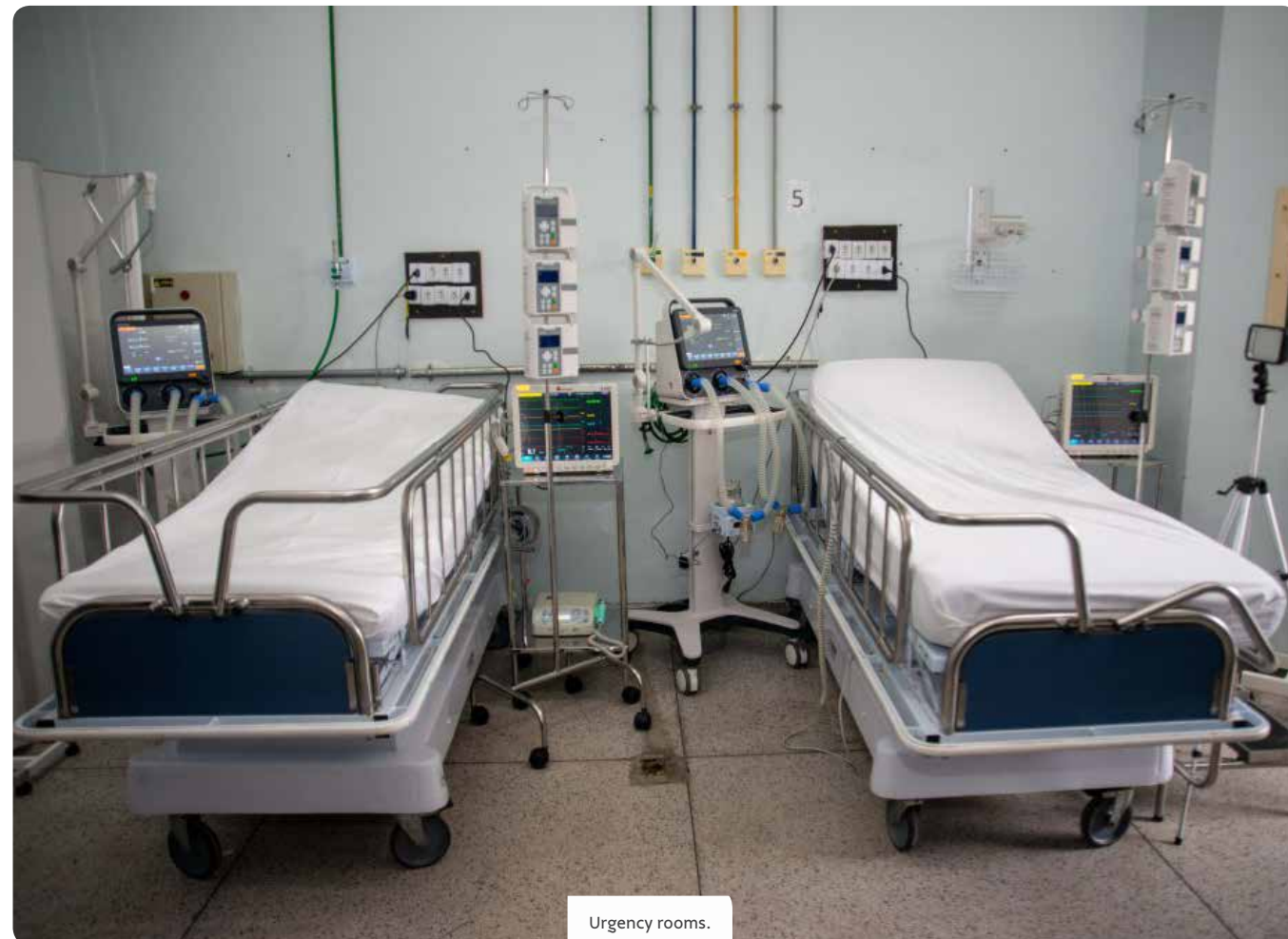
**Deliveries made of equipment and supplies, such as respirators, infusion pumps, oxygen cylinders, heart monitors and beds:** Abaeté, Betim, Curvelo, Esmeraldas, Felixlândia, Igarapé, Juatuba, Mateus Leme, Pará de Minas, Paraopeba, Pompéu, São Joaquim de Bicas and Três Marias.

In progress



Urgency rooms.

Photo: Pro-Brumadinho Committee Site



Urgency rooms.

Photo: Pro-Brumadinho Committee Site

**Brumadinho** (Annex I.4)



**Industrial District Brumadinho - Phase A**

**Purpose**

Adoption of actions to contribute to the diversification of the municipality's economic activity, helping to reduce economic the dependence in relation to the mining activities.

**Scope**

**Phase - A** Performance of studies for the structuring of an Industrial District in the municipality of Brumadinho and for the attraction of new industrial-tertiary businesses (industry, commerce and service provision) in Health.

**Forecast for completion: Phase - A** January 2024



**Vale Responds**

**Where will this District be built?**

The City Hall will also indicate the location, size, profile and strategy for acquisition of the land for implementation of the industrial district. The City Hall will make this indication based on the studies that will be carried out in Phase A of the project, which will indicate the profile of the companies and the strategies to be adopted to attract these companies.

In progress



**Digital Brumadinho - Initial Studies**

**Purpose**

Performance of studies for the development of a business model for a connectivity solution (infrastructure for internet and fixed and mobile telephony).

**Scope**

**Phase - A** Preliminary study that will describe the connectivity solution for the municipality of Brumadinho, which investments should be made, and also, the way in which the investments should be made with the respective deadlines and risks.

**Forecast for completion: Phase - A** October 2022



**Vale Responds**

**Will this project provide free internet to all of Brumadinho?**

No. This project aims to carry out a study to identify the infrastructure and the technology currently existing in Brumadinho and propose a solution which is technically, financially and legally feasible to improve the internet and mobile telephony signal in the municipality. The project is the study and the proposal does not contemplate contracting or implementation of the solution.

In progress





### Agro Support Program – Expansion of knowledge and traceability of the agricultural production

#### Purpose

Adoption of actions to contribute to the strengthening of the agricultural activity.

#### Scope

Expansion of knowledge and traceability of agricultural production: carrying out studies that point out the necessary local production adjustments, implementation of production traceability, and elaboration and implementation of individual productive projects with the local farmers.

**Forecast for completion:** 54 months after the execution order (January 2022)

In progress



### Vale Responds

#### Who will be able to participate in this program?

The program was launched in 2020 with the participation of 220 farmers in Brumadinho.

#### Will Vale execute and pay for the implementation of the improvements mapped in these studies?

From the diagnosis of each property, an Individual Productive Project is prepared together with the farmer, with personalized indications for improvements in the production process. After the approval of the committing parties, the projects will be implemented.



Illustrative image.

Photo: Guarda-Chuva



### Structuring of the Urgency Room

#### Purpose

Adoption of actions to contribute to the expansion of emergency care capacity in the health area.

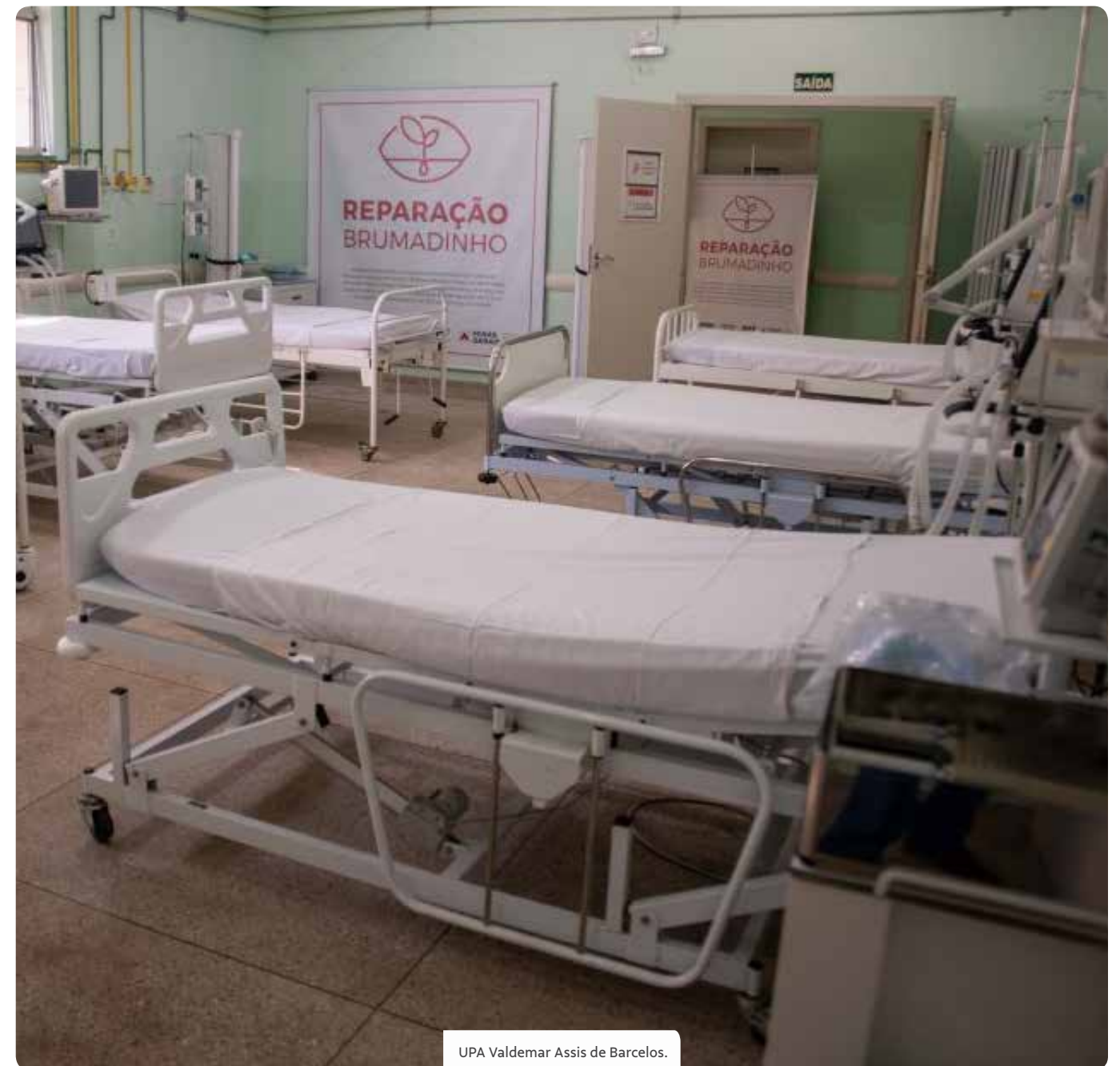
#### Scope

Structuring an urgency room UPA Valdemar Assis de Barcelos through acquisition, delivery and installation of materials, equipment and furniture.

**Forecast for completion:** August 2022

In progress

**Deliveries already made:** equipment and supplies, such as respirators, infusion pumps, oxygen cylinders, heart monitors and beds were delivered. Which represents more than 60% of the planned materials.



UPA Valdemar Assis de Barcelos.

Photo: Pro-Brumadinho Committee Site





### Maintenance of the Term of Agreement for Acts in Brumadinho

#### Purpose

Continue with the payment of the payroll of the professionals working in the Municipal Health Department, linked to Primary Health Care and Psychosocial Care actions.

#### Scope

Payment via judicial deposit to the municipality of Brumadinho. These professionals will develop active and participatory methods for the continuity of the health promotion and disease prevention actions already underway in the municipality.

**Forecast for completion:** 2023

In progress



### Building of the Minas Gerais Fire Department Platoon

#### Purpose

Contribute to the improvement of the service for protection of life, property and the environment in the municipality of Brumadinho and nearby municipalities.

#### Scope

Land acquisition, project development and construction of the Minas Gerais Military Fire Department (CBMMG) platoon in the municipality of Brumadinho.

**Forecast for completion:** April 2027

In progress



### Strengthening of the municipal social assistance services

#### Purpose

Contribute to the strengthening of the Unified Social Assistance System (SUAS).

#### Scope

Payment via judicial deposit to the municipality, which may define, in its Application Plan, whether it will invest in the expansion of technical teams and/or in the acquisition of goods and materials for the public facilities of SUAS; in the acquisition of goods and materials for the public facilities of SUAS;  
Qualification of workers, counselors and managers of the governmental and non-governmental social assistance network to be carried out by Vale through a higher education institution to be contracted

**Forecast for completion:** November 2026

In progress

# Social-environmental Reparation Program *(Annex II)*

## Stay tuned

| Annexes   | Classification           | Value*                    | Progress  |
|---|--------------------------|---------------------------|---|
| II.1 – Social-environmental Recovery                          | Vale’s obligation to DO  | R\$ 5 billion (estimated) | Actions in progress since 2019. Reparation Plan in stage of review, evaluation and validation with the environmental body |
| II.2 – Social-environmental Compensation of the known damages | Vale’s obligation to DO  | R\$1.55 billion           | Initiatives in details  |
| II.3 – Water Safety Projects                                  | Vale’s obligation to PAY | R\$2.05 billion           | Payment made by Vale at the amount of R\$ 2.1* billion in 2021  |

\*Amounts corrected by IPCA, as defined in the Agreement.

### Vale’s obligation to Do

The **Social-environmental Reparation** front includes recovery and compensation actions.

As part of the **recovery**, process, since 2019, a series of actions have been carried out to recover the Ferro-Carvão stream and the Paraopeba river, as well as emergency actions to control the safety of the remaining structures and the management of fauna and flora. In addition, focused on identification of the damage to be repaired and the parameters for evaluation of the results, the **Reparation Plan** is being developed. The material is already being analyzed by the competent bodies and undergoing adjustments by the specialized consulting firm responsible for its construction.



On **the compensation** front, initially, as defined by the parties, priority was given to the sanitation project in the affected municipalities, which is being detailed by Vale, and after approval by the parties, will be carried out by the company. In addition to this, in the last period, three more projects were indicated by the parties to be detailed by Vale. Namely:

- 1 **Structuring** of the Conservation Unit in Brumadinho and Management of State Park Serra do Rola Moça;
- 2 **Red Lists** – preparation of lists of threatened species of the fauna and the flora of Minas Gerais;
- 3 **Implementation** of a Center for Receiving, sorting, sheltering passage, castration and referral for adoption of domestic animals, within the scopes specified below:
  - Ethical population management of dogs and cats;
  - Donation of kits for dog and cat adoption event.

All actions will be monitored and inspected by the parties with technical support from the independent environmental audit.

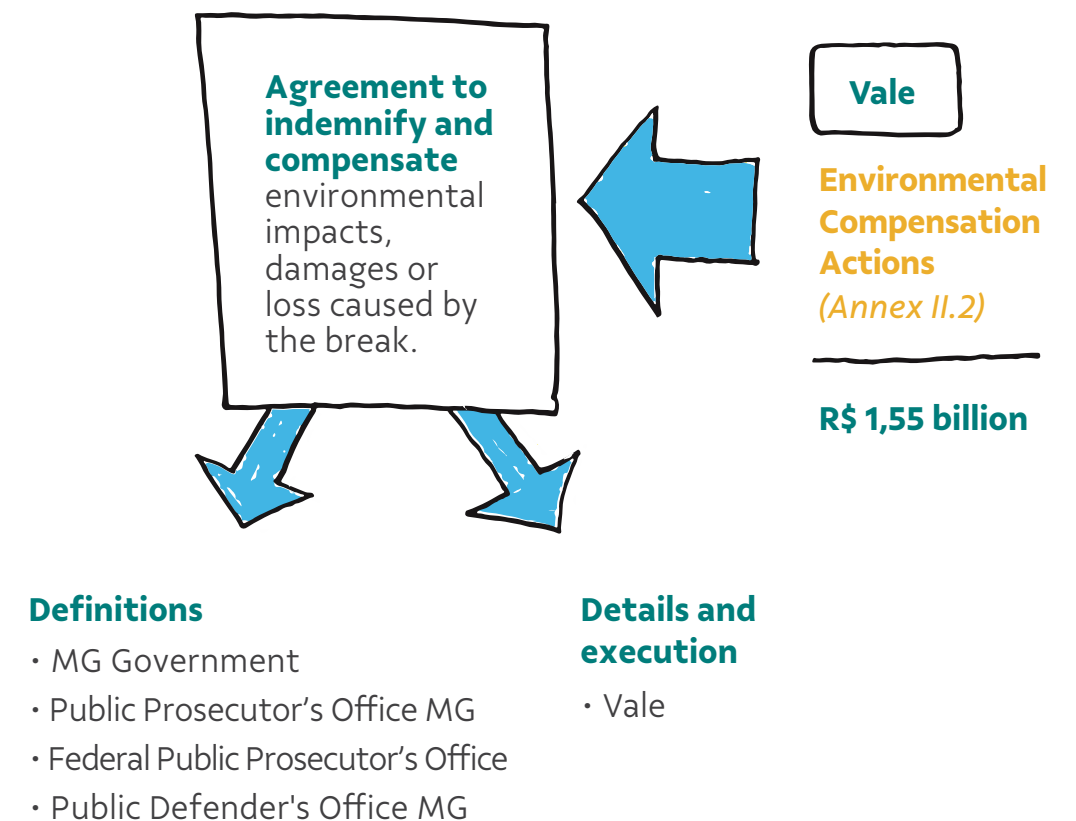






Photo: Guarda-Chuva



Watch the video about the rare butterflies found in Brumadinho (MG).

## Rare butterfly

A rare species of butterfly was found in Brumadinho by Vale biologists and specialists, more than 10 years after the last record. The riverside butterfly, popular name of *Parides burchellanus*, is on the list of endangered animals. So far, five populations and more than sixty individuals of this butterfly have been identified. Monitoring this and other animals is part of the work to recover areas impacted by the break of the B1 dam.

By eating the nectar of the flowers, the butterflies end up collecting and transporting pollen to other plants.

This helps in reproduction and formation of new forests. "Most plants need pollinators like bees and butterflies to reproduce, produce fruits and seeds", Vale Environment analyst Cristiane César explains.



Finding this species in the region is an important environmental indicator of what can be done in the impacted area in terms of recovery for this and other species to find suitable habitat"

Cristiane César, Environment analyst at Vale.

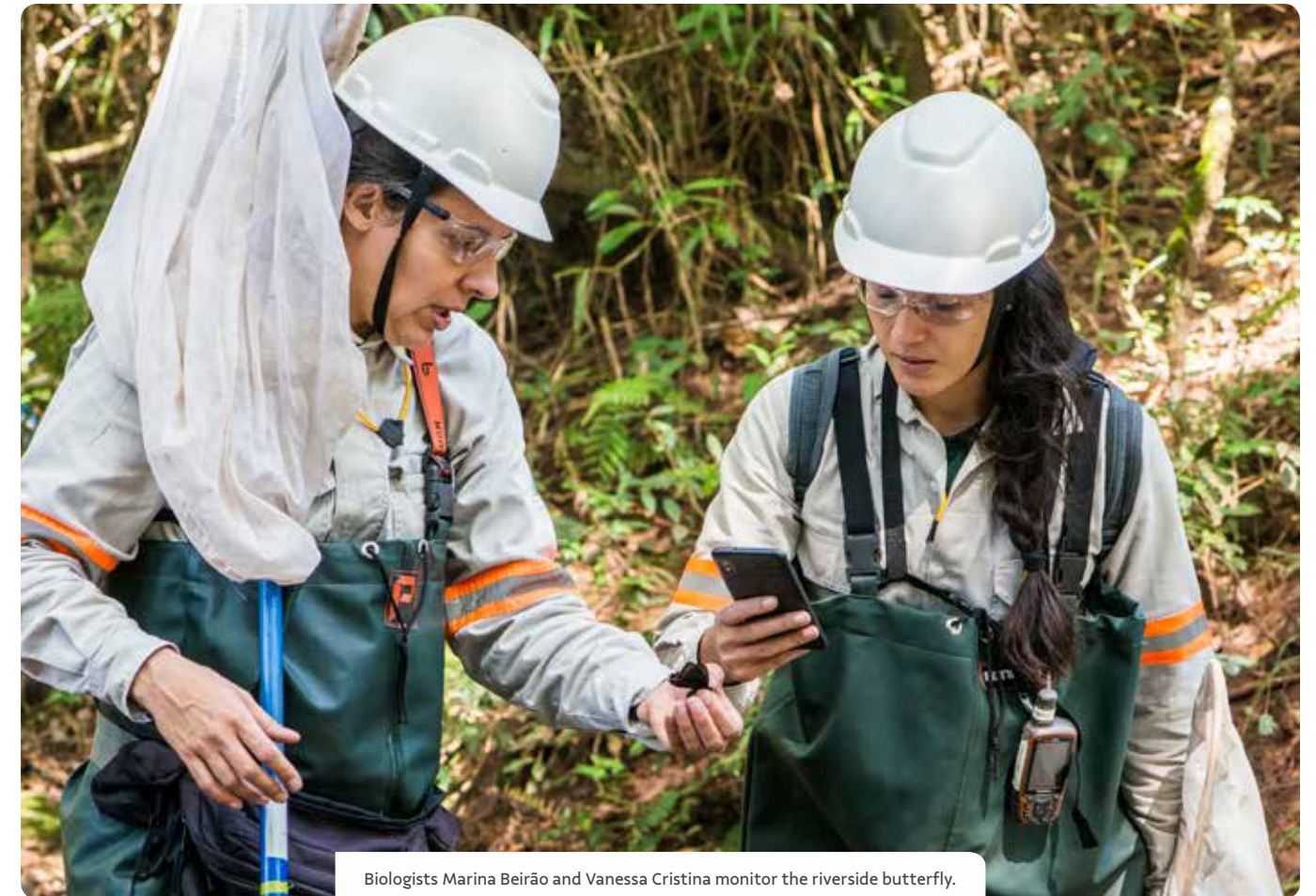


Photo: Guarda-Chuva

Biologists Marina Beirão and Vanessa Cristina monitor the riverside butterfly.



Photo: Guarda-Chuva

Riverside butterflies are released into the wild shortly after capture, in the same place where they have been found.



## Monitoring indicates that we are on the way to improving the water quality of the Paraopeba River

The works to monitor the quality of the water and the sediments of the Paraopeba River continue and the results continue to show signs of improvement in several physical-chemical parameters. Even with the rains in the initial months of 2022, there were not very different results in the contents of the monitored parameters when compared to the historical data, with behavior similar to the past rain periods (2019, 2019/2020 and 2020/2021). It is worth mentioning that the parameters that presented deviations along the Paraopeba River also occurred in a stretch not influenced by the break.

An independent technical and environmental audit indicated by the Public Prosecutor's Office of Minas Gerais follows up all monitoring activities and the data obtained is periodically submitted to the inspection bodies. The Minas Gerais Water Management Institute (Igam) also monitors the quality of the water of the Paraopeba River, and in general, the data obtained by the body has converged with the results of the monitoring conducted by Vale. The monitoring in numbers:



Water collection for monitoring of the Paraopeba River.

- ✓ **61 monitoring points.**
- ✓ **4.4 mi** of results from water, effluent and sediment analysis.
- ✓ **+46 thousand samples collected.**
- ✓ **10 telemetric stations** installed for continuous monitoring.

## Tailings geochemical investigation program

Soon after the break of the B1 dam, Vale implemented the Tailings Geochemical Research Program. The program was created with the purpose to see the characteristics of this material, its chemical composition and understand the reactions it can cause in the environment. By May 2022, 685 tailings samples had already been collected by specialized professionals, including collections made by Vale and education and research institutions.

All samples from the Geochemical Investigation Program are sent to specialized laboratories for analysis and the results are forwarded to the environmental bodies and monitored by the Public Prosecutor's Office.

**The studies indicate that the same elements observed in the tailings are in the soils, but in different proportions. The predominant elements are the following metals: Iron, Aluminum, Silicon and Manganese. All samples analyzed so far show that the tailings are not hazardous waste and are not toxic considering standard ABNT (Brazilian Association of Technical Standards) NBR 10.004/2004.**



Waste collection for laboratory analysis.

- ✓ **685 samples collected**
- ✓ **2 thousand laboratory tests**
- ✓ **62 thousand analysis results**

# Mobility Program and Public Service Strengthening Program

(Annexes III and IV)

## Stay tuned

| Annexes                                   | Classification           | Value*            | Progress   |
|---|--------------------------|-------------------|--|
| III – Mobility Program                    | Vale’s obligation to PAY | R\$ 4,959 billion | Payment made by Vale at the amount of R\$ 1.3* billion in 2021 and 2022  |
| IV – Public Service Strengthening Program | Vale’s obligation to PAY | R\$ 3,650 billion | Payment made by Vale at the amount of R\$ 1.98* billion in 2021 and 2022 |

\*Amounts corrected by IPCA, as defined in the Agreement.



### Execution of the projects and the actions

is under the responsibility of the **State Executive Power**, by means of its bodies and entities.



### Different regions of Minas Gerais

will get projects.

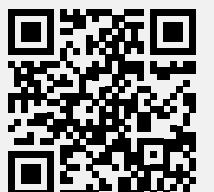


### Monitoring and inspection of the works

State General Control Department, Legislative Assembly and Court of Auditors.



You can get more information about the Comprehensive Reparation Agreement on the website of the Pro-Brumadinho Committee: [www.mg.gov.br/pro-brumadinho](http://www.mg.gov.br/pro-brumadinho)



# Other obligations of the Comprehensive Reparation Agreement

| Annexes   | Classification           | Value*           | Progress  |
|---|--------------------------|------------------|---|
| Contracts temporary/reimbursement                               | Vale's obligation to PAY | R\$ 310 million  | Payment made by Vale at the amount of R\$325* million in 2021   |
| Administration, auditing, technical advisory and other expenses | Vale's obligation to PAY | R\$ 700 million  | Payment made by Vale at the amount of R\$9 million (services in progress, payments are made according to execution) |
| Biofactory / Funed  | Vale's obligation to DO  | R\$ 135 million  | Projects under review by the committed parties  |
| Fire Department TC  | Vale's obligation to DO  | R\$ 71 million   | In progress   |
| Civil Defense TC  | Vale's obligation to DO  | R\$ 96.6 million | In progress   |

\*Amounts corrected by IPCA, as defined in the Agreement.



### Follow up the Term of Commitment CBMMG

Signed with the State of Minas Gerais on November 17, 2020 to reinforce the performance of the Minas Gerais Military Fire Department. It includes purchase and delivery of trucks, communication and IT equipment.

**Status:** Delivery of furniture and IT equipment.

**Forecast for completion:** December 2024

In progress



### Follow up the Term Commitment Civil Defense

Signed with the State of Minas Gerais on November 20, 2020 to reinforce its action in disaster prevention. It includes purchase and delivery of vehicles, trucks and materials for the Civil Defense of MG, in addition to the structuring of the Civil Defense School, in Cidade Administrativa.

**Forecast for completion:** December 2022

In progress

#### Deliveries made

497 pickups

497 computers

513 electronic tape measures

2495 vests



Delivery of vehicles to Civil Defense of Minas Gerais.

Photo: Vale Archive





Central Square of the Park Territory Project - Brumadinho (MG)

Photo: Video Delivery

## Other Vale Initiatives

This chapter presents some initiatives which started at the time of emergency and are still being implemented. These are actions aimed to guarantee water safety to the affected communities and offer care and shelter to animals directly or indirectly impacted by the break of the B1 dam. In addition, the chapter provides important information about our social-economic commitment to the communities.



## Water supply

Wells installed or reactivated, new water capture and storage structures, emergency delivery by water truck, installation of treatment systems. There are several alternatives completed and in progress to assure that all residents impacted by the interruption of the capturing in the Paraopeba River, between Brumadinho and Pompéu, have the quality and the quantity of water they need.



**183**

**underground capturing**  
point for riverside people and public supply



**2**

**water pipelines**  
in operation:  
Brumadinho and Pará de Minas



**+3,500**

**hydraulic and reservation structures**  
(reservoirs, drinking fountains, water tanks)



**100**

**water trucks**  
transiting daily for emergency delivery of water

With this structure, the following are already available:



**3.9 bi**

**billion liters of water** for the riverside population, both definitive and emergency measures



**204 mi**

**liters of water per day** for public supply, which is equivalent to a city of more than 1.3 million inhabitants



**200**

**water treatment systems** under installed

Care for the water and the shelter of animals



Well drilled for public supply in Caetanópolis (MG).



## Water Monitoring

To assure quality water, Vale constantly monitors the volumes, which have been delivered or made available. Monitoring is done daily in the water trucks and quarterly in the drilled tubular wells, in accordance with the norms in force. All samples are made by accredited laboratories.

The independent technical auditing company contracted to serve the Public Prosecutor's Office of the State of Minas Gerais (MPMG) also makes analyses, such as second test and field audit of the collections.



**756** collection points



**13,100** samples collected



**987,332** results



Results of water analyses are submitted in a technical report to the landowners.

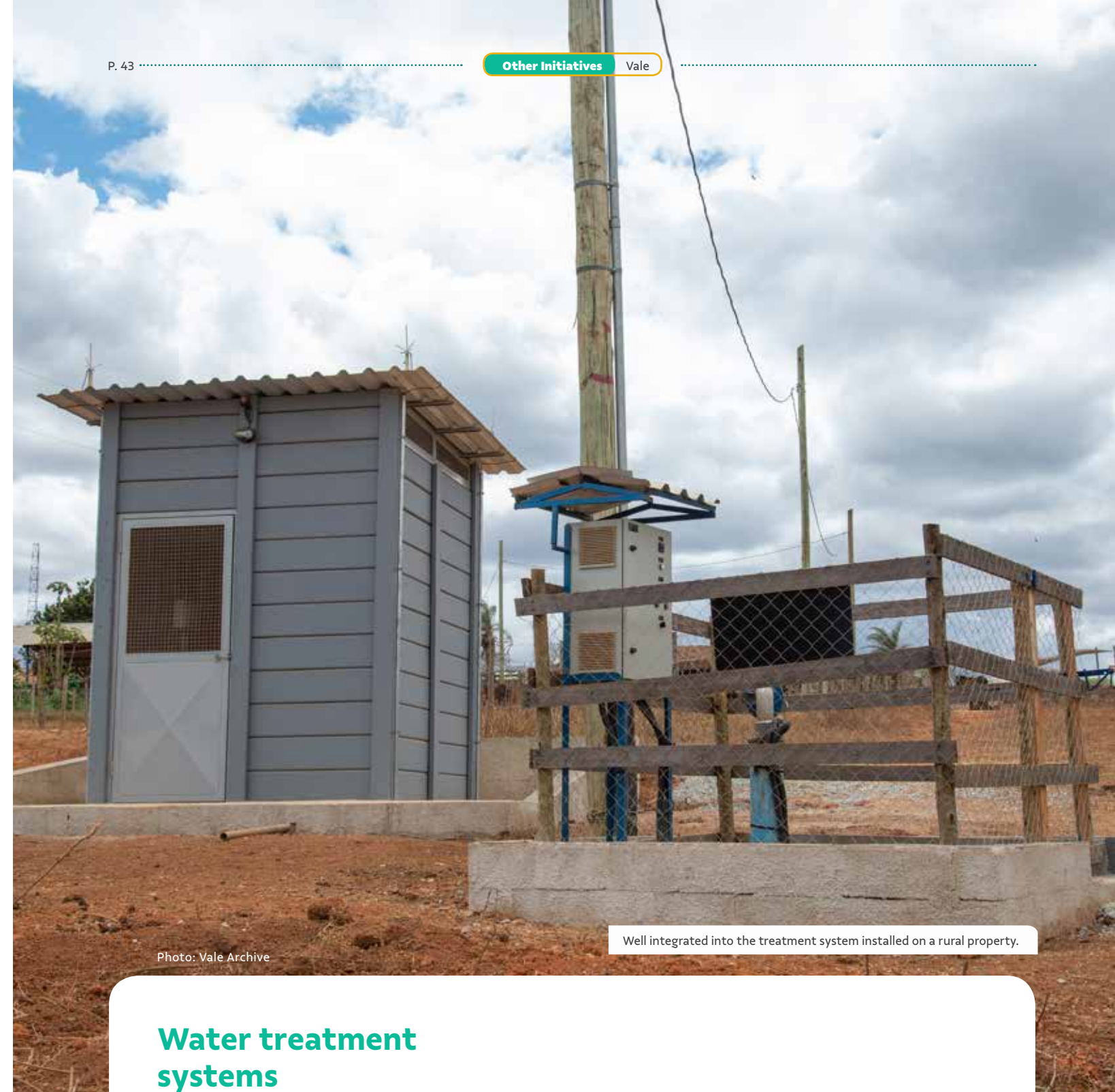


Photo: Vale Archive

Well integrated into the treatment system installed on a rural property.

## Water treatment systems

Vale, together with the state and the municipal health departments, has been installing water treatment systems for the sources agreed with the public authorities. The systems assure adequate quality for consumption, making the water free of biological contaminants and metals.

The action is scheduled for completion by 2024.



**120**

water treatment systems installed to date



## Emergency deliveries to rural producers

In addition to receiving water to maintain their agricultural activities, rural producers from 16 municipalities in the Paraopeba basin regularly receive products to feed their animals. Altogether, more than 190 million kilograms of different animal feed have already been distributed, which undergo strict quality controls.

To assure the correct amount for each rural producer, a technical team makes regular visits to the properties, determining other needs as well, such as hydraulic installations, drinking fountains or fencing.



**608 mi**

liters of water for plantation irrigation



**641 mi**

liters of water for plantation irrigation



**191 mi**

kilograms of products for animal feed



**680,911**

meters fence installed



**979**

drinking fountain handed over



**906**

hydraulic installations completed



**3,514**

visits paid



Delivery of rural food to rural producers.

## Have you ever thought about having a four-legged friend?

Of the animals rescued after the dam break in Brumadinho and in cities in Minas Gerais with evacuated areas, 333 dogs and 142 cats have already been adopted. But about 300 animals are still waiting for a new home.

See the profile of some pets:



Photo: Elen Monteiro

### Simba

**ID:** C324

**Age group:** Adults

**Animal size:** Medium

**Gender:** Male

**Animal neutered:** Yes

**Leishmaniasis Test:** Negative

**Social profile:** Affectionate and docile. Likes to have humans and dogs around. Needs to gain trust to be able to break loose.



Foto: Flávia Reis

### Charles

**ID:** C242

**Age group:** Adults

**Animal size:** Medium

**Gender:** Male

**Animal neutered:** Yes

**Leishmaniasis Test:** Negative

**Social profile:** Quite agitated and likes people a lot. Gets along well with other dogs and loves playing and running.



Special Adoption: I have a leg amputated, but I live very well and can be adopted.

### Branco

**ID:** C623

**Age group:** Adults

**Animal size:** Medium

**Gender:** Male

**Animal neutered:** Yes

**Leishmaniasis Test:** Negative

**Social profile:** Loves receiving affection and playing with other dogs. I'm docile and super friendly





Photo: Flávia Reis

## Madona

**ID:** G153

**Age group:** Adults

**Gender:** Female

**Animal neutered:** Yes

**FIV/FelV Test:** Negative

**Social profile:** She's a little shy and fearful. Needs to get used to human company, likes affection and gets along well with



Photo: Flávia Reis

## Sirius

**ID:** G058

**Age group:** Adults

**Gender:** Male

**Animal neutered:** Yes

**FIV/FelV Test:** Negative

**Social profile:** Loves calling people's attention, passing between their legs. Doesn't like playing much, but gets along well with other cats.

In February this year, the dog team of **Me Leva pra Casa** and the players of América played a game against Athletic for the Championship of Minas Gerais, in Belo Horizonte. The action led some América fans to adopt the pets.



Photo: Thomas Santos



Our team is ready to answer your questions. Contact us using the phone numbers below, or go to [www.vale.com/melevapracasa](http://www.vale.com/melevapracasa)  
**Fazenda Abrigo de Fauna:** (31) 97178-0969  
**Adoption team:** (31) 97158-1091 / (31) 99885-2738

**Service Center:** 0800 031 0831  
 Please contact us here if you recognize any of the animals without an identified guardian



# Socioeconomics





Photo: Circuito Veredas do Paraopeba

## Socioeconomics

To contribute for the affected regions to reduce their economic dependence on the mining sector is also one of our priorities in the Reparation.

We remain committed to supporting the economic development of the cities by means of projects and

programs that stimulate the local economy and increase the families' income.

Professional qualification actions are carried out, support for local entrepreneurship, strengthening of tourism, among other actions.

## Boosting tourism

About 90 entrepreneurs are participating in the Project for Strengthening of the Competitiveness of the Private Tourism Sector. In another qualification action of the Project, a group of participants traveled to Serra Gaúcha, in Rio Grande do Sul. During the trip, the entrepreneurs saw how one of the main tourist destinations in Brazil is organized, the management aspects and the operation of the local tourist experience. The experience helped the entrepreneurs to realize the importance of the strengthening of the tourist network in Brumadinho and the region, the relations with the market and the search for solutions to the challenges of the sector.

### What we want

To contribute to boosting tourism in Brumadinho and the region (municipalities of Circuito Veredas do Paraopeba).

### What is being done

Qualification and personalized consulting for entrepreneurs in the areas of lodging, food and beverages, crafts, reception and tourist guides.

### Which are the contemplated municipalities?

rumadinho, Igarapé, Juatuba, Mário Campos and São Joaquim de Bicas.



**Involved institutions**  
· Circuito Veredas do Paraopeba

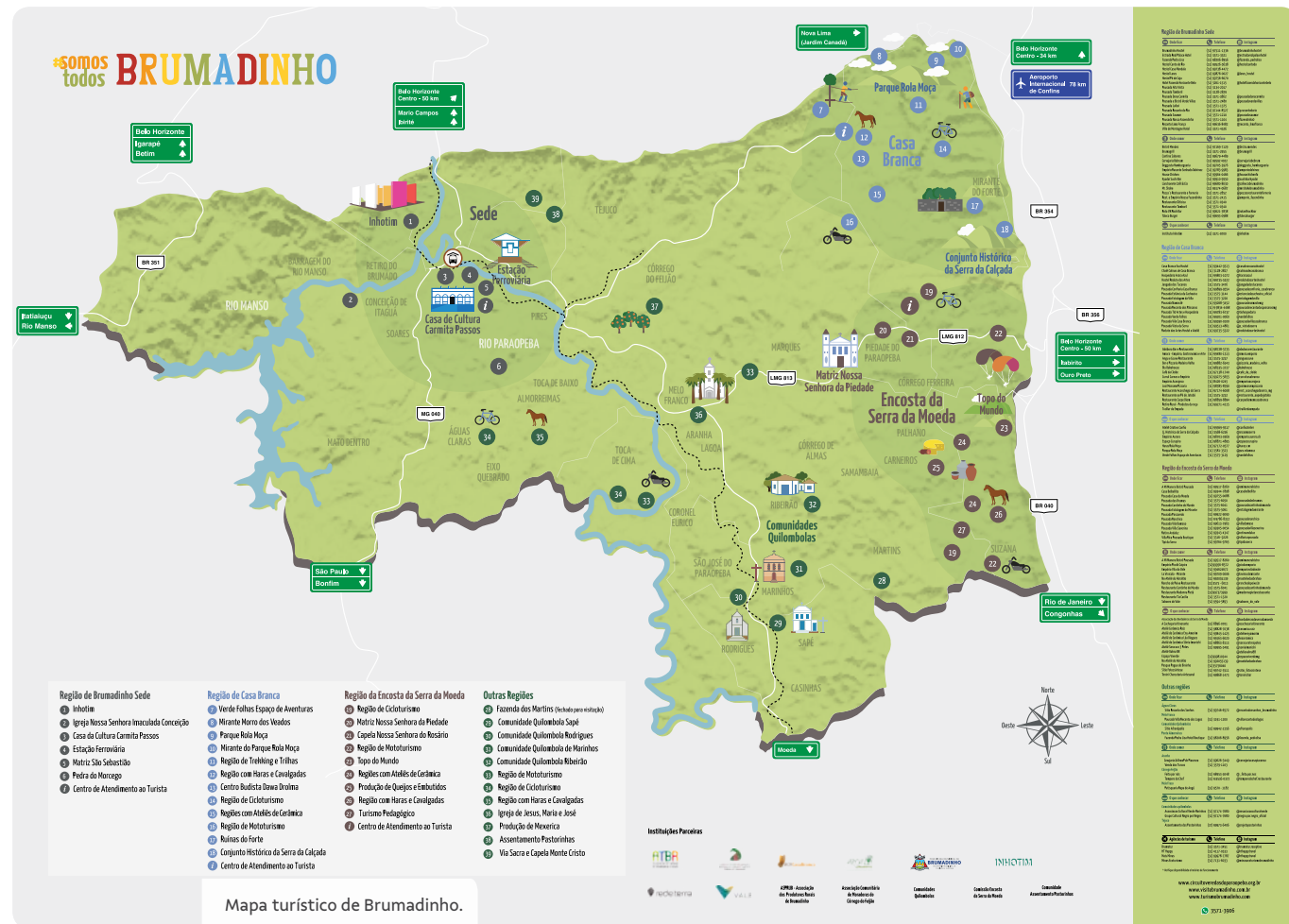


Entrepreneurs visiting Serra Gaúcha (RS).

Photo: Vale Archive



# Brumadinho tourist map



The Tourist Map of Brumadinho gathers 40 tourist attractions in a graphic representation of the territory. Launched at the end of 2021, the map is the result of a collective construction with local tourism organizations, coordinated by the Brumadinho Sustainable Tourism Promotion Program.

### What we want

Fomentar o potencial turístico de Brumadinho, contribuindo para gerar empregos e diminuir a dependência da mineração.



There is no one better than the residents and the businessmen from the region to indicate the best in Brumadinho.

The map is a way of sharing this look and the richness of the municipality with the tourists.”

Daniele Teixeira, Reparation analyst.

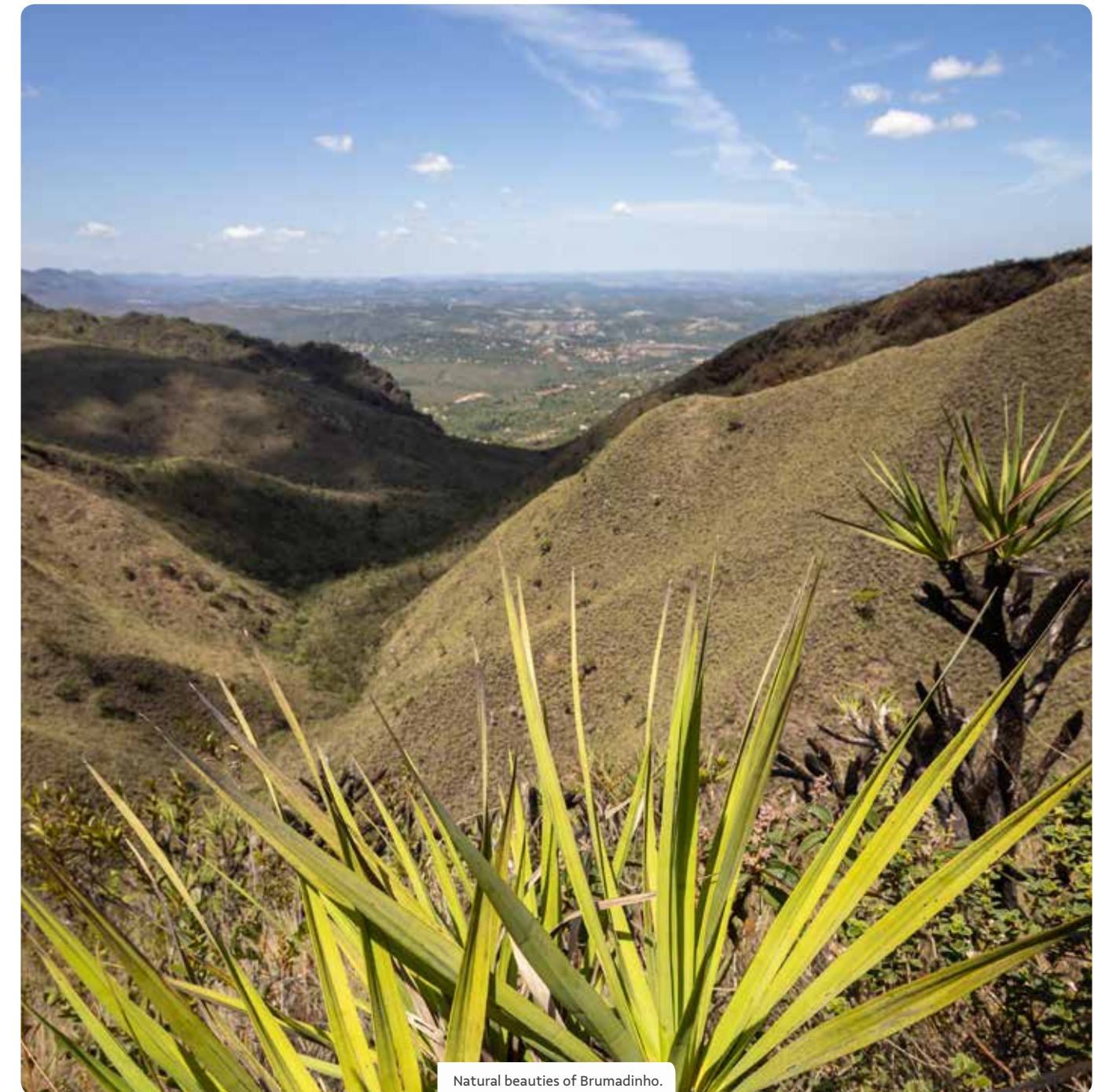


### Involved institutions

- Instituto Rede Terra
- izing Committee of the Sustainable Tourism and Brumadinho Development Program

### Next steps

Launch of the Céu de Montanhas Catalog. Curated by the artist Ronaldo Fraga, 28 entrepreneurs exhibit their products, textiles, gastronomic products, handcrafted products and the experiences of experiential tourism. Learn more at: [www.ceudemontanhas.com.br](http://www.ceudemontanhas.com.br)



Natural beauties of Brumadinho.

Photo: Circuito Veredas do Paraopeba



Go to Brumadinho tourists map and learn more.





## Value Brumadinho

APAE of Brumadinho won first place in the Community Assistance category of the Value Brumadinho Program, in 2021. The prize of R\$80,000 is being invested in the refurbishment of the headquarters and the acquisition of inclusive IT materials.

### What we want

Foster the development of social organizations, contributing to the qualification in projects and fund-raising.

### How many editions of the program have been carried out so far

Three editions of Value Brumadinho. In 2021, more than 75 organizations enrolled and 42 participated in the qualification stage.

### How many institutions have been awarded?

Twenty-eight civil society organizations were awarded.



Photo: Vale Archive



“These goods brought improvement in the quality and the quantity of service, provided adequate environment for attended people as well, young people with multiple intellectual disabilities, both during commuting and in their daily lives.”

**Lidiane Costa**, APAE administrative manager.



Point the camera of your cell phone to this code and see all awarded organizations.



Photo: Image Bank

## Agreement with CDL

We renewed the agreement with CDL Brumadinho for the next two years. With the transfer of funds, the entrepreneurs from the city will have access to campaigns and marketing actions which encourage the residents to buy in the local market and drive the economy of Brumadinho.



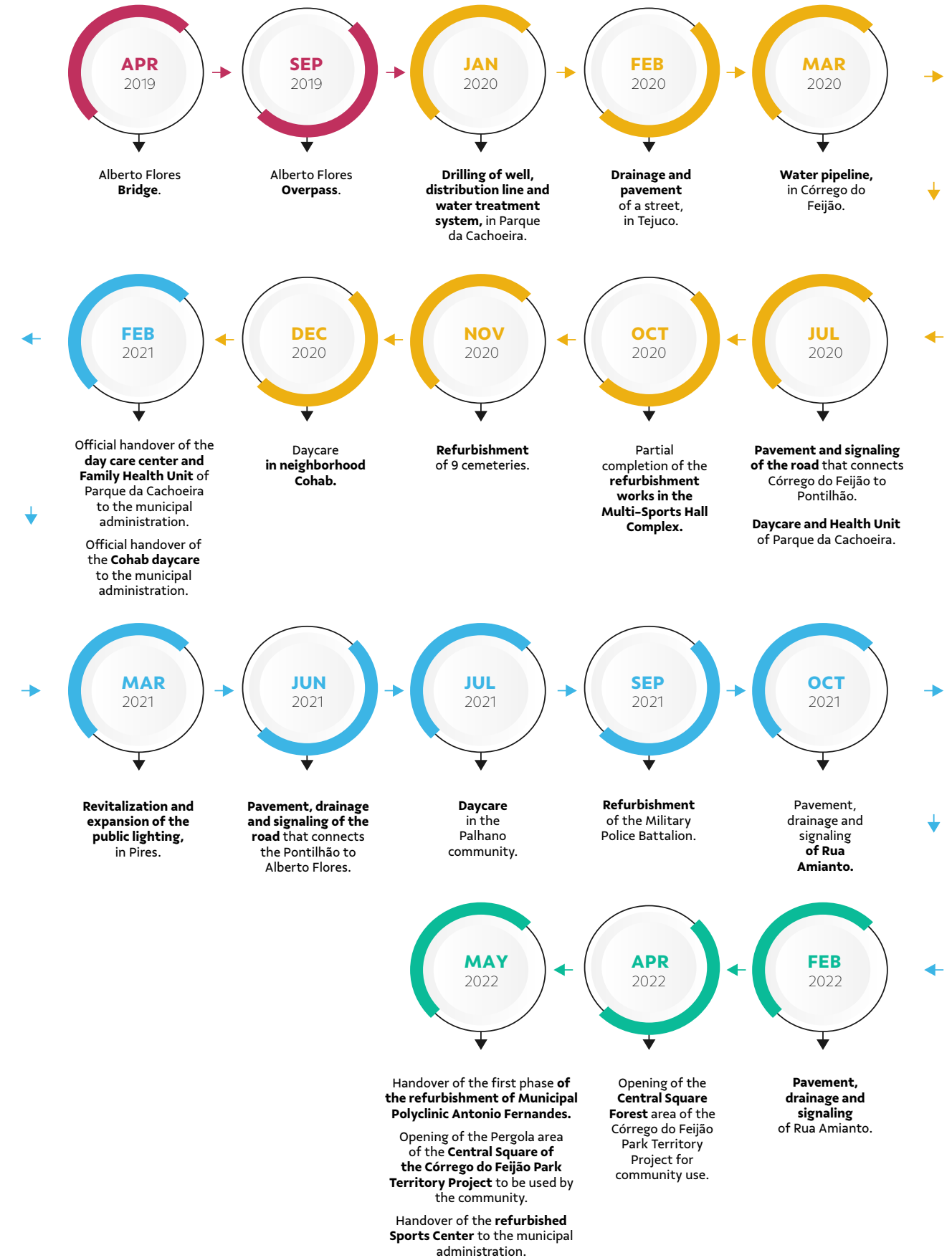
“We know that commerce, all together, is one of the largest employers in the municipality, contributing a considerable portion to the income distribution.”

**Antônio Vieira**, CDL coordinator in Brumadinho.



Vale has been carrying out social and infrastructure works as part of the process of compensating for the impacts of the break of the B1 dam. The works are defined based on active listening of the communities and partnership with the public authorities, with focus on improving quality of life and collective well-being, **always prioritizing hiring of local labor.**

# Social and infrastructure works





## Construction in Progress

See how the works on new public spaces and improvements in urban infrastructure are progressing:

### Brumadinho

Sewage Treatment System  
**Pires**

75%

In progress

Memorial in honor of the victims  
**Córrego do Feijão**

70%

In progress

Specialized Service Center  
**Bela Vista**

95%

In progress

Park Territory  
**Córrego do Feijão**

10%

In progress

Central Square and Community Market

90%

Culture and Craft Center

60%

Daycare  
**Casa Branca – Brumadinho**

25%

In progress



Specialized Service Center Bela Vista

Photo: Vídeo Delivery



Casa Branca Daycare

Photo: Vídeo Delivery

### Mário Campos

The refurbishment of Praça da Lagoa is more than 45% complete. The works on the improvement of the fair area, the pergola and the restoration of the damaged parts of the overpass were completed. The playground, drinking fountain, bandstand, walkway and gym will also be renovated, in addition to painting the curb.



Refurbishment of Praça da Lagoa

Photo: Vídeo Delivery



Refurbishment of Praça da Lagoa

Photo: Vídeo Delivery



## Works complete

### New daycare in Palhano

Child education in Brumadinho was reinforced in February (2022) with the delivery of the daycare center in neighborhood Palhano, in district Piedade do Paraopeba. In the new day care center, there is nursery and child education rooms, outdoor playground, covered yard, canteen and administration facilities. Service capacity: 108 children from 0 to 5 years old.



Photo: Video Delivery



Photo: Video Delivery



Schools are the greatest asset of any society.

By means of schools, we create thinkers, critical people and capable of moving this world differently."

**Sônia Aparecida Barcelos Maciel**,  
Municipal Secretary of Education of Brumadinho, reinforcing the importance of the investments in education.

### Municipal Polyclinic Antonio Fernandes

The first phase of the refurbishment of Municipal Polyclinic Antônio Fernandes in Brumadinho, was completed in May 2022.

#### What has been done:

- The space got new paint, improvements to the roof and the lighting;
- The electrical part, hydraulic part and support for network cabling were revitalized;
- The entrance garden was revitalized;
- The floors of some rooms were changed;
- The second and final phase of the refurbishment will take place this year, and the forecast for completion is in the first half 2023.



Photo: Video Delivery



Photo: Video Delivery



### Brumadinho Sports Center

In May 2022, the population of Brumadinho received the new Sports Center in the municipality, which underwent refurbishment and improvements. The work is part of the Term of Commitment signed between Vale and the city of Brumadinho as compensation for the break. Handover was on May 23 and the management of the space is under the responsibility of the municipality.

#### What has been done

The entire space was refurbished, in addition to installation of gym equipment and refurbishment of the courts, fight and dance rooms, skate park, cafeteria and locker rooms. In the center, all LED lighting was replaced and there were improvements to the facade. The Sports Center serves 1,200 people monthly average. One of them is the resident of the municipality Carmem Carvalho, who intends to use the space to take stretching classes.



Photo: Raíra Gomes Dias Andrade



“Sports help a lot to maintain health, to have more energy. I feel very good doing physical activities.

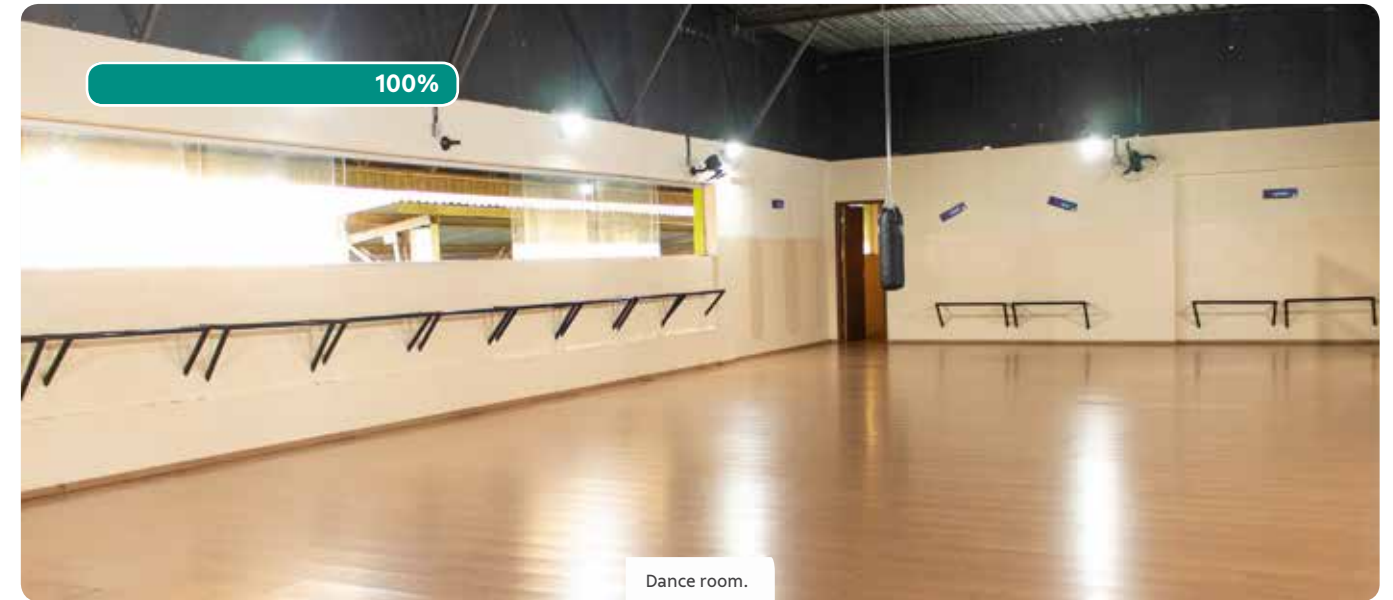
In this pandemic, we have been away for more than a year and now we can come back. I loved the space, everything is new, “a” grade”.

Carmem Carvalho



Skate track.

Photo: Raíra Gomes Dias Andrade



Dance room.

Photo: Raíra Gomes Dias Andrade



Gym.

Photo: Raíra Gomes Dias Andrade



Courts.

Photo: Raíra Gomes Dias Andrade



## Park Territory starts to come true

Play hide-and-seek and talk on the park bench. These are activities the residents of Córrego do Feijão have been able to do again in the last months with the opening of the forest and pergola areas. The two spaces are part of the new Central Square which is under construction in the community within the Park Territory project.

The project includes **spaces for coexistence, such as woods, trails, viewpoint and soccer field**. In addition, there will be a **Community Market and a Culture and Crafts Center** (under construction), where local businesses will operate, they have been receiving advice and resources to become professional. The local administration will be carried out by the community itself, which, since July 2021, has participated in qualification workshops for the sustainable management of these spaces.

The purpose of the project is to **restore the link between the population and the territory and contribute to new dynamic in the economy, reducing the dependence on mining**. In addition to being a tourist destination, Park Territory intends to combine the improvement of the quality of life with generation of employment and income.

90%



Point the camera of your cell phone to this code and **follow up the progress of the Park Territory Project**.





### See other photos of Park Territory



Photo: Vídeo Delivery



Photo: Vídeo Delivery



Photo: Vídeo Delivery



# Social

People are the focus of Vale Reparation. It is our commitment to provide the communities with tools that generate long-lasting social development by means of structuring projects and continue making progress with the payment of indemnities.

## Indemnities signed to date:



### After-indemnity support

We understand that, in addition to compensation, other actions are necessary to support the affected families to resume their routine and planning of the future of their lives. By means of Program Comprehensive Assistance to the Affected Person (PAIA), **assistance was offered to more than 4,400 people.**

The program continues to offer advice on what the indemnified person needs: whether support by financial educators to plan and organize finance, support for purchase of real estate, resumption of productive activities or even psychosocial assistance.



Photo: Image Bank



### Vale Responds

#### Why did Vale closed the entries in its indemnity program?

Vale created the Indemnity Program in April 2019 as an alternative to judicialization, opening another channel for dialogue with the affected people and with the purpose to speed up the indemnification processes. Since then, more than 10 thousand people have been indemnified based on parameters signed in the Term of Commitment agreed with the Public Defender's Office of the State of Minas Gerais, the deals of which have been duly approved by the Judiciary Power. In Antônio Pereira, district of Ouro Preto, where the program has been started most recently, applications for new entries are still open.



## Psychosocial support

The families directly affected by the break of B1 or who were evacuated from their homes due to the emergency dam level are still received and assisted by the Family Reference program. They receive psychosocial follow-up carried out by specialized professionals systematically and continuously.

### Numbers so far:



Psychosocial attendance to the directly affected families.

## Living Center

A year and a half ago, the doors of the Living Center, a space designed by the Association of the Relatives of Victims and People Affected by the Break of Córrego do Feijão Dam (Avabrum), was opened, receiving about 80 people a month.

The Center is a space for the victims' families to meet and exchange experience, mutual help, establishing bonds and participating in courses and workshops.

### Activities offered free of charge

Complementary integrative practices are offered, such as yoga, massage therapy and acupuncture. In the space, there are also playful environment for children, outdoor gym and community garden. In the second half year, tutoring classes will be offered.



Common area of the Living Center.





## Health Cycle

The Health Cycle Program left a legacy of strengthening the Primary Care Network in Brumadinho, Mário Campos, Sarzedo, São Joaquim de Bicas, Pará de Minas, Pompéu, Fortuna de Minas, Morada Nova de Minas, Papagaios and Pequi, in addition to municipalities in evacuated territories. Fifteen municipalities in Minas Gerais received qualification from professionals in the area, equipping 100% of the

Basic Health Units and support in the management processes.

### Check out the general numbers of the program:

- 143** UBSs attended
- 5.6 thousand** items delivered
- 2,168** professionals qualified
- 462** workshops
- 216** young builders qualified

Photo: Vale Archive

## Strengthening of the Social Participation

One hundred and forty-three community leaders qualified. This is one of the results of the Social Participation Strengthening Program, completed in June in the municipalities of Barão de Cocais, Curvelo, Esmeraldas, Igarapé, Itabirito, Mário Campos, Nova Lima, Ouro Preto, Pompéu and São Joaquim de Bicas.

For a year, leaders participated in meetings to improve civic awareness practices and social participation in relation to territory management and reflected on the role of the civil society in the political dynamics of the municipalities and the region, in addition to acquiring and exchanging knowledge and experience about the role of the population in the follow-up of the social-economic actions in the territory.



“The course showed us the importance of knowing how to communicate and listen to others, how to act with leadership and how we can participate more actively in the affairs of the public power as well.

We feel encouraged to participate more in the activities in our community.”

**Tatiana Campolina,**  
resident of Esmeraldas.



Tatiana Campolina, resident of Esmeraldas.

Photo: Six Star



## Sports Incentive Law

Communities in **12 municipalities\*** along the Paraopeba River Basin were awarded 15 projects aimed at the development of sports by means of transfers from Fundação Vale to organizations in these locations by means of the Sports Incentive Law (Law No. 11,438/06).



12

municipalities\*



4

modalities: Soccer, Basketball, Chess and Skateboarding



15

projects



R\$2.7

million transferred



Alunos do projeto Xequê Mate de Betim.

Photo: Antenados Produtora



The Check Mate Project, a partnership between Vale and Instituto Ramacrisna, aims to transform the lives of 488 children and young people living in rural areas of the city of Betim. Through activities which combine technology, sport and education, the proposal is to develop collaborative work, logical reasoning to build a dignified and productive future for these students. We understand that the initiative will contribute to broadening the horizons not only of the students, but of the families and the community, increasing self-esteem, commitment to study and solidarity."

**Solange Bottaro**, vice president of Instituto Ramacrisna, an institution in Betim contemplated by the Sports Incentive Law

\*Betim, Curvelo, Esmeraldas, Felixlândia, Igarapé, Juatuba, Mário Campos, Mateus Leme, Pará de Minas, Pompéu, São Joaquim de Bicas and Três Marias.

## Sponsorship of Instituto Cultural Vale

Strengthen the local traditions, foster culture and empower young people for the future. With these ambitions in mind, three projects in municipalities from the Paraopeba Basin received funds from Instituto Cultural Vale for project development.

In Felixlândia, Espaço Cultural Transforma em Ação will expand its activities in the municipality, encouraging reading among younger people and children in the municipality. For this purpose, there will be a car for project dedicated to the activities of the Space.

In Abaeté, School of Arts Cidade Menina will produce and present the play "Searching the Star of Abaeté do Indaiá", which tell a famous local legend. In Biquinhas, the traditional party of São Sebastião in 2022 will be sponsored by the Institute.



Photo: Vale Archive



R\$250 thousand

invested in the 3 projects



"With this incentive, we will be able to expand our reading circles to the 28 rural communities we have in Felixlândia.

The car will reach more and more young people who do not have any prospects for the future and who do not have a habit to read"

**Fernanda Mendes**, creator of Espaço Cultural Transforma em Ação

Cultural Space Transforms into Action is a project which works on reading with children and young people from Felixlândia.





Photo: Vale Archive

## Humanitarian aid

Communities in the municipalities of the Paraopeba Basin affected by the rainy season in early 2022 received more than 480 thousand liters of water as humanitarian and emergency,

in addition to baskets of staples, cleaning, personal hygiene products, mattresses and Personal Protective Equipment. The consultations were made by Vale at request of the public power.

## Women's Day

In March, actions were carried out to commemorate the International Women's Day in municipalities along the Paraopeba Basin with the theme Female Empowerment.

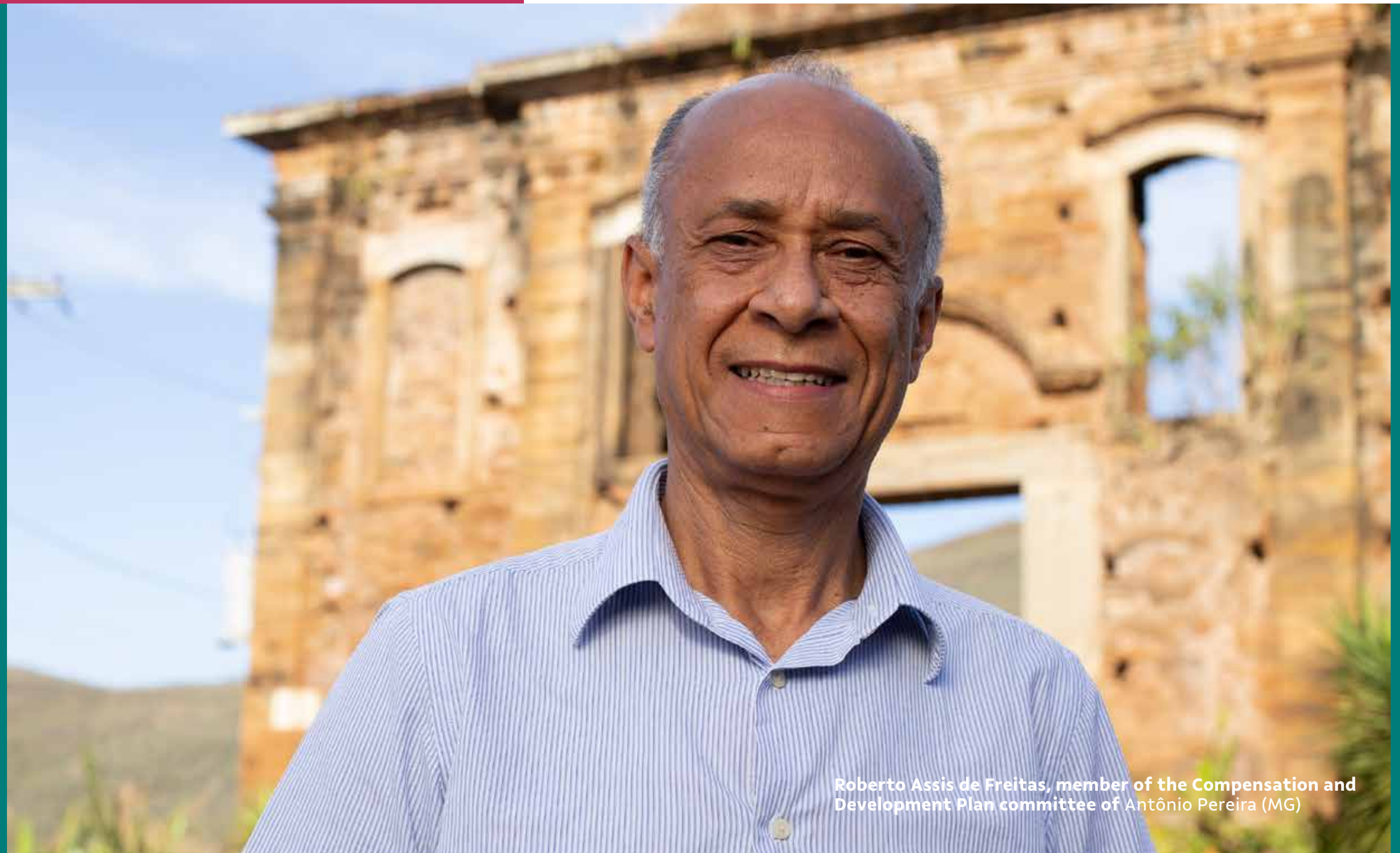
In São Joaquim de Bicas, Igarapé and Betim, **dynamics were held with musical performances and storytelling.** In one of the meetings in Betim, **a conversation was held to broaden the understanding of the process of violence against women, with the participation of representatives of the Civil Police of Minas Gerais.**

In the municipalities of Esmeraldas, Caetanópolis and Pequi, **meetings were held with dynamics among women in order to stimulate the connection between them and value their potential.**

The purpose of these actions was **to create an environment for exchanging experiences and knowledge, building dialogue and affection among the participants.** The activities were exclusively for women in these locations and were conducted by Vale's Community Relations teams who work in the region.







Roberto Assis de Freitas, member of the Compensation and Development Plan committee of Antônio Pereira (MG)

Photo: Buffalo Digital

## Evacuated Territories

**Repair, compensate and contribute to the future.  
This is our commitment.**

We know that there is still a lot to be done to repair the communities who have suffered from preventive evacuations and relocations, and we are dedicated to that. We are also committed to collaborating for the future, by means of projects and compensation and development actions defined together with the residents and the public power.





## Barão de Cocais



South Superior Dam,  
Gongo Soco mine  
(Emergency level 3)



157 families evacuated



496 indemnity deals have  
already been signed in the  
municipality involving 1,460  
people



# Compensation and Development Plan



Meeting of the committee for definition of the actions.

Photo: Iguana Filmes

## Complete pack of initiatives

After protecting the communities impacted by the elevation of the emergency level of the Superior South dam in 2019, and providing the necessary assistance, we dedicate our efforts to compensate and contribute to the future of Barão de Cocais, by means of the Compensation and Development Plan.

### How much will be invested

More than R\$ 70 million in the areas of education, health, infrastructure and urbanism, economic development, sports, the environment and waterways, tourism, culture, public security and social assistance.



### Transparency

We launched a broad campaign in Barão de Cocais to provide visibility to the package of initiatives defined by the Compensation and Development Plan committee composed of representatives from the community, the public power, educational institutions, the municipal trade association and Vale.



Photo: Stalo [IN]



Photo: Stalo [IN]



Photo: Stalo [IN]



The publicity included billboards, media in buses, taxis and tuk tuk.  
Photo: Stalo [IN]



Find out about all works and actions which have already been, are being or will still be carried out at [vale.com/baraodecocais](http://vale.com/baraodecocais). If you prefer, point the camera of your cell phone to the code beside.



## Praça da Lagoa fully refurbished



Photo: Bandeira Branca

The complete refurbishment carried out in partnership with the government aimed to create a pleasant environment with more options for activities for children, young people, adults and the elderly, in addition to enhancing the urban landscape and contributing to driving the local commerce.

### What has been done

Refurbishments of the soccer field, the sports court, the outdoor gym and the metal walkway, in addition to installation of a drainage and irrigation system, construction of a playground and a new stand for the press, improvements in lighting, replacement of benches and landscaping.

Some repairs at the construction site are currently being discussed, such as the replacement of the grass on the soccer pitch, which has not adapted to the climate, the maintenance of the fence and the correction of the floor and the electrical part which was exposed, among others.



Photo: Bandeira Branca

Richardlison and his son play in the refurbished square.

“Whoever sees the square today and has seen it before it was ready, cannot say it is the same square. The refurbishment was very good!”  
Richardlison Santos,  
resident of Barão de Cocais.



### Involved institutions

- City Hall of Barão de Cocais
- City Council



## Professional Qualification Center in Gastronomic Practices – School Kitchen

After leaving public service to take care of her grandmother, Francislaine de Almeida discovered a new – and profitable – business, confectionery. A member of Cozinha Escola, she has already expanded sales through social networks and is now preparing to help her aunt, who inherited the family restaurant, renew the menu.

With 26 free courses, the program aims to train and expand the opportunities for income generation, in addition to valuing the traditional gastronomic products of the region.

### Show classes

Show-classes were held with renowned chefs. The first took place in March with Jimmy Ogro, known for participating in the program Mais Você with Ana Maria Braga, on TV Globo, and for the social project REAPROVE, which fights waste and hunger.



See the show class with chef Jimmy Ogro.

Photo: Iguana Filmes



Photo: Iguana Filmes



“I saw a learning opportunity. Have a certificate in that area today brings you much more credibility.”

**Francislaine de Almeida,**  
resident of Barão de Cocais.



Patricia dos Santos, resident of Barão de Cocais.

Photo: Buffalo Digital



“That’s when the little becomes big, especially for me, as a single mother, with eight children, with no help from the father. I’m growing, God willing I’ll get in the future. I didn’t have a name for my small business, now I do, it’s Doce Amor.

It’s not registered yet, but God willing I’ll be known in the market in a while, I’ll register and I’ll be able to make my dream come true.”

**Patricia dos Santos,**  
resident of Barão de Cocais.



### Involved institutions

- Instituto Yara Tupynambá
- City Hall of Barão de Cocais

### In the press



Read the full article.



Read the full article.





Photo: Six Star

## Program of Preparation for the Labor Market - PPMT

The initiation, improvement and professional qualification courses started, in addition to technical, to prepare young people and adults for the job market, foster entrepreneurship and income generation in Barão de Cocais.

PPMT ranked first among the 36 general actions expected within the Compensation and Development Plan. The launch gathered more than 200 students, in addition to representatives from Senai, IEL, public power and Vale.

### Free courses offered

There are 69 courses, including Game and App Development, Bicycle Mechanic, Budget Planning, Negotiation Techniques and Environmental Technician.

### Number of vacancies

More than 1,200

### Registrations

[www.senaimg.com.br/baraodecocais](http://www.senaimg.com.br/baraodecocais)



Go to the website to enroll in the program.



The launch of the program brought together more than 200 students, check it out.

### Economic diversification study

The courses were defined based on a survey carried out with companies, projects and institutions in the municipality, which identified local vocations and demands of the job market in the region. As of next half year, the courses will be designed based on a study of economic diversification which is being carried out in partnership with FIEMG and IEL, and which is also part of the Compensation and Development Plan.



Photo: Six Star

Ceremony at the Multi-sport Hall marked the launch of PPMT.



Photo: Six Star



“The program plays a fundamental role in the economic development of Barão de Cocais, as it encourages increase in the technical and management qualification of the students, who will be in the job market in the future applying and multiplying this knowledge.

These are opportunities for micro-entrepreneurs, young people who want to undertake or get a first job, people who already work and want to improve their performance or even change careers.”

Ricardo Azalim, director of SENAI in Barão de Cocais.



### Involved institutions

- Senai
- Instituto Euvaldo Lodi – IEL
- City Hall of Barão de Cocais



## Donation of Computers to Universidade Aberta do Brasil (UAB)

The Open University of Brazil (UAB) has a new laboratory. In May, we delivered new equipment that will help to expand and diversify the offer of higher education courses in the municipality, as required by the Coordination for the Improvement of Higher Education Personnel (CAPES).

### Computers delivered

60 units.

### New courses open

Mathematics, Pedagogy, Letters and Musical Initiation.

### What else will be invested?

UAB will also receive a transfer to invest in infrastructure improvements.

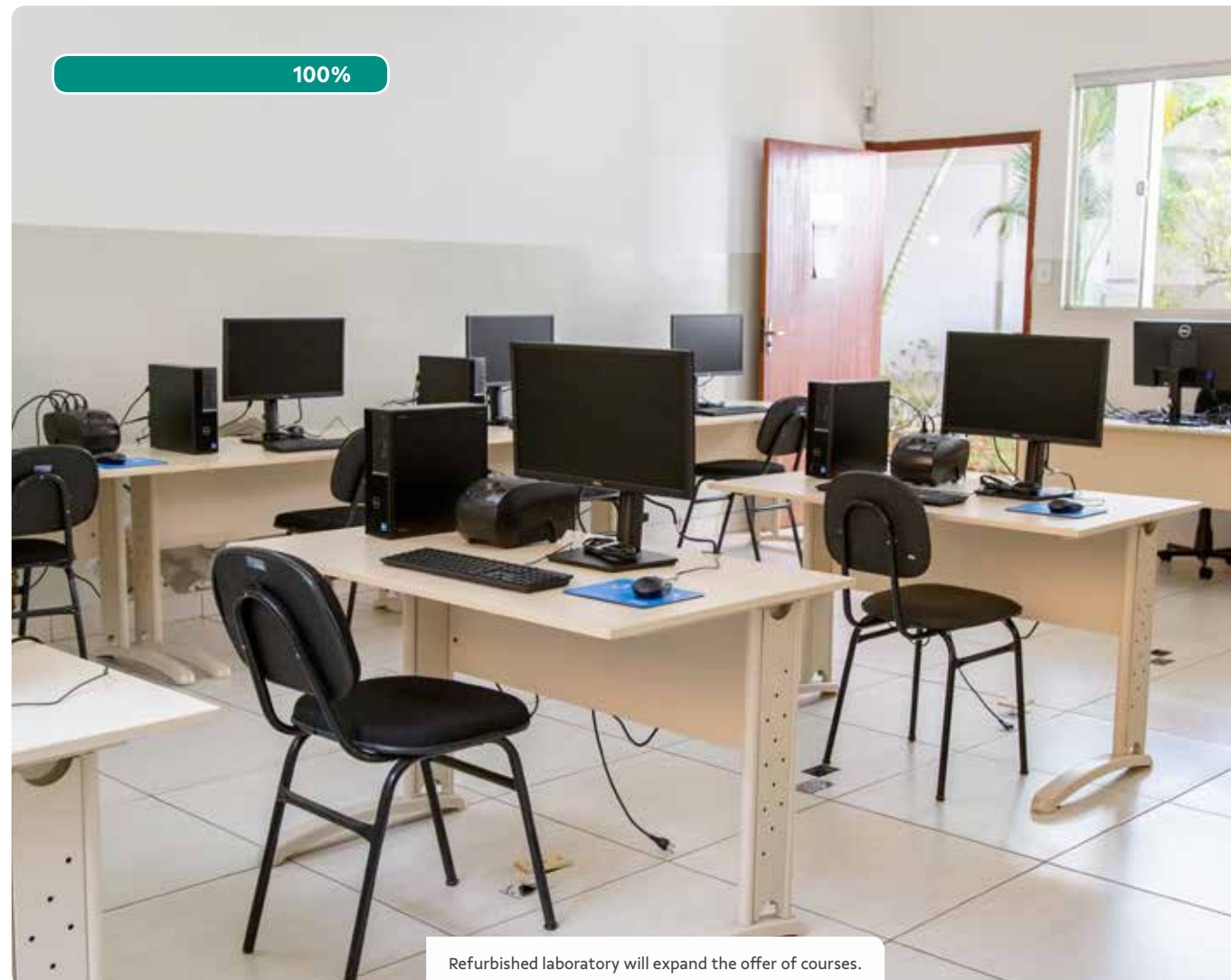


Photo: Six Star



Photo: Six Star



“Thanks to the partnership between Vale and the public power, our UAB hub can now offer young people and adults from Barão de Cocais the opportunity to enroll in technical, undergraduate and graduate courses, which plays a fundamental role in the economic and social development of the region.”

**Maria de Lourdes Chamonge**  
Coordinator of Center Barão de Cocais of Universidade Aberta do Brasil (UAB).



Check out the computers delivery ceremony.



Photo: Six Star



### Involved institutions

- UAB
- City Hall of Barão de Cocais





Photo: Six Star

## Entrepreneur Program

In order to contribute to the economic diversification of Barão de Cocais, and strengthen the local commerce, in June, we transferred funds to the Commercial, Industrial and Agricultural Association of Barão de Cocais (ACIABAC) to start the Entrepreneur Program.

### What it is about

Carried out in partnership with the German government, the program will improve the management and the competitiveness of the companies by means of collective actions, over 18 months.

### Number of companies

30

### Transfer amount

R\$ 144 thousand



Do you want to see the ceremony? Point your cell phone at the QR Code.



“This is the first step towards the execution of the economic diversification in the municipality. I am very proud and even excited. I would like to thank”.

**Bruno Quintão**, president of ACIABAC and member of the Compensation and Development Plan committee.

## Value Program

After undergoing the qualification phase, completed in 2021, 50 institutions from Barão de Cocais and Santa Bárbara advanced to the stage of evaluation of the projects of the Value Program, which will stimulate the development of the local social organizations.

An examination board selected the initiatives with the greatest potential for a positive impact on the community.

### Next steps

The independent commission will choose and award, with financial resources, the first places in each category. Afterwards, the institutions will start the development of the projects, with support and consulting from a company contracted by Vale.



“We are very happy and honored to have the opportunity to participate in Value, which we believe is a great support for families with special children in the community. By means of the project, we can also help change the view the people have about the Umbanda religion.”

**Aparecida Gonçalves Coluna**, from Fraternidade Umbandista Filhos de Pai Joaquim, which carries out actions aimed at the ritualistic practice of religion, such as prayers and studies, but also involves integrative therapies for children with special needs.



Photo: Image Bank



## Horizonte Project

Luana Carla de Souza Debortoli, representative of IN.TER.VIR Autism and Child Development, is one of the 10 entrepreneurs from Barão de Cocais who are participating in the acceleration stage of the Horizonte Project, launched in 2021.

In this phase, which runs until October this year, individual advice and mentoring are carried out, in addition to collective qualification, lectures, conversation circles and workshops.

### What we want

Support and strengthen the development of local businesses focused on generating social and environmental improvements for the communities.

### Topics covered

Business administration, digital marketing and sales techniques.



Photo: Personal Archive - Luana Carla



Photo: Personal Archive - Luana Carla



“Before the Project Horizonte, IN.TER.VIR was just a long-term dream. As a psychologist, I knew I had to have a multidisciplinary team aligned, working on the same path to have more results, and thus, be able to impact more families of children with developmental delays. From the beginning of the project, since the entrepreneurial marathon, I managed to align strategies to make this dream come true.”

Luana Carla, who created IN.TER.VIR.



**Forecast for completion:**

• November 2022




**Involved institution**

• Semente Negócios





Photo: Six Star



Watch the video about the program.

## Reinforcement in basic health

In almost two years of operation, the Health Cycle Program has achieved good results in its mission of supporting the public administration and contributing to the strengthening of Primary Health Care in the municipalities where it works.

### What has been completed

To date, actions of the program have been completed in 14 impacted municipalities, including Barão de Cocais.

### 100% of the Basic Health Units Equipped

The program provided instruments and furniture to improve diagnosis and clinical practice.

More than 5,600 items were delivered, such as oximeters, scales, thermometers, tablets and computers in all supported municipalities.



Photo: Six Star

### Qualification

More than 2,100 managers and health professionals were qualified. More than 230 young people received qualification on topics related to health prevention and promotion in their communities.

### Support in the administration

Tools were made available to support municipalities in reading, monitoring and evaluating Primary Care indicators.



“The program helped us to resume activities during the easing of the pandemic. It was very cool, because we started with training groups among professionals and with patients as well. The arrival of the equipment was very welcome.”

Chistiane Keiko, nurse at the Family Health Post São João Batista



# Reparation and Compensation Plan of the Communities in SRZ

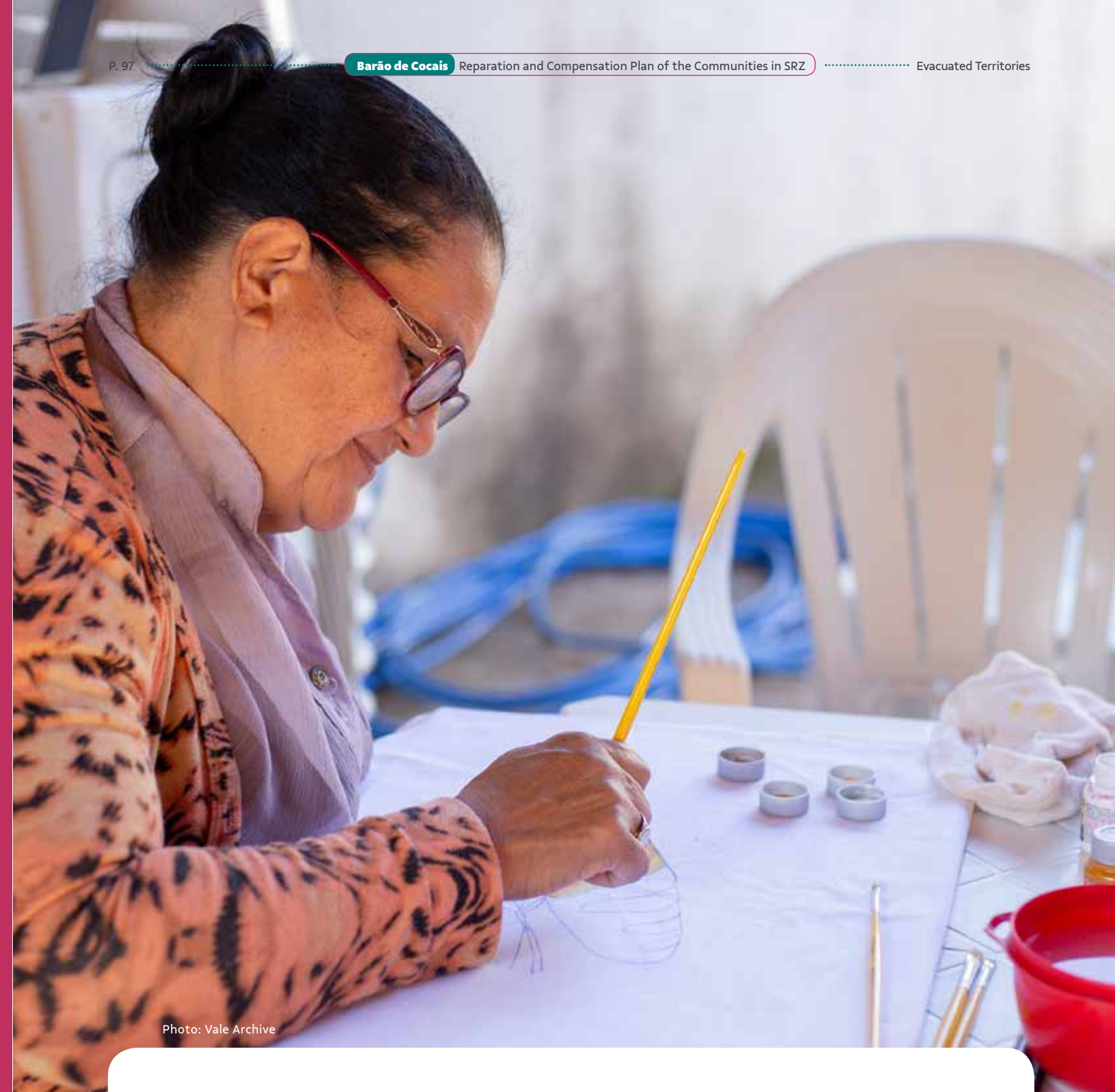


Photo: Vale Archive

## Social activities

Residents of the communities of Socorro, Piteira, Tabuleiro and Vila do Gongo, in addition to André do Mato Dentro and Cruz dos Peixotos, in Santa Bárbara, continue to be enthusiastic about the handicraft, musicalization, tutoring and sports workshops.



### Involved institutions

- NGO Juventude Viração
- Casa do Artesão
- Sementes Project





Photo: Six Star



“It was an unprecedented project in the region, with 40 courses and audience of approximately 170 people. Our differential was to provide the residents with all raw materials for them not to be discouraged.

We created a very important synergy with the students, who felt transformed with everything they learned, but the most important thing is that we add many values, such as self-knowledge, interpersonal relationships, self-esteem, discipline, entrepreneurship and significant knowledge.

We already have people from the community selling what they learned, this is a product of the actions, a great merit.”

**Rosângela de Paula**, coordinator of the craft workshops held in partnership with Casa do Artesão.



## Qualifications in partnership with Instituto Yara Tupynambá

year. There are 40 professional courses in the areas of gastronomy, aesthetics, gardening and basic English, defined based on the residents’ demands and based on the results of the social diagnosis made in 2019. Among them, there are fine snacks, pizza, bakery, barbecue, waiter and waitress, health and commercial certification of production processes, cutting and hairstyles, makeup, manicure and pedicure.

### Qualifications until June

Approximately 280.

### Attended communities

André do Mato Dentro, Cruz dos Peixotos, Brumal, Barra Feliz, Tabuleiro, Piteira, Vila do Gongo and Socorro.



Photo: Perpétua Filmes



“It’s been very important for our community, because it will enable us to have our own business.

We want the courses to continue and to more to come, because it’s been very good, and the teachers are very affectionate and attentive.”

**Ronilda Aparecida do Carmo**, resident of Cruz dos Peixotos.



**Involved institution**  
· Yara Tupynambá



## Rescue of assets in Vila do Gongo

The Plan to Return to Vila do Gongo, which became possible after the completion of the Downstream Containment Structure (ECJ) of the South Superior dam, started with the rescue of assets of affective value of the families evacuated in 2019. Before definitively returning to their homes, they were able to collect documents, photos, books, paintings, religious images, beds, tables, wardrobes, and souvenir items supported by Vale.

### Complete houses

45 of the 54 planned have already been completed.



Photo: Vale Archive



### Conversation with the community

We understand that the process of returning to Vila do Gongo should be discussed directly with the residents. For this purpose, a management committee was created with the participation of representatives from the community, the public power, the Public Prosecutor's Office of Minas Gerais, the Municipal Civil Defense and Vale.

The working group is committed to identifying and planning priority actions for adequate return of the families.



### Involved institutions

- Civil Defense
- Public Prosecutor's Office
- City Hall of Barão de Cocais



### Vale Responds

#### When will the residents be able to return to Vila do Gongo?

The definitive return to the original residences will take place after protocol and validation of the updated version of the Emergency Action Plan for Mining Dams (PAEBM) of the South Superior dam by the competent bodies.

# Dam Safety





Photo: Vale Archive

## Resumption of the works for elimination of the South Superior dam

In May, the excavation of tailings for the elimination of the South Superior dam was resumed. Drainage channels will also be built, an important step towards controlling the water level and increasing safety.

The work teams dedicated to the works also installed new piezometers to reinforce the monitoring of the structure.

### Do you know what is piezometer?

Also known as a porous pressure gauge, the piezometer is used to measure water pressure in soil, rocks, foundations and concrete structures. The assessment of the conditions of the dams generally depends on the knowledge of the amplitude and the evolution of the internal pressures which develop in the compacted massifs and in the foundation soils of the structures, which is done with the help of piezometers. Hence the importance of the instrument.



Photo: Vale Archive



Watch the educational videos of the program Point the camera of your cell phone to this code.



### Next steps

- Pumping of the reservoir pond
- Installation of complementary instrumentation with remote equipment
- Completion of the review of engineering studies based on the results of the tests carried out in 2021
- Resumption of the tailings removal from the dam for de-characterization
- Installation of a secure access system to the structure
- Assembly of a system for tailings pumping test





### Conversation with the community

A group of residents from the communities of Socorro, Piteira, Tabuleiro and Vila do Gongo visited the Gongo Soco mine in May to see the progress of the South Superior dam elimination works, with the new technologies used by Vale. Accompanied by representatives of the Public Prosecutor's Office and Civil Defense, they were also at the Geotechnical Monitoring Center (CMG), where the team who continuously monitors the dams is located, and at the Downstream Containment Structure (ECJ).



### Involved institutions

- Civil Defense
- Public Prosecutor's Office



Photo: Vale Archive

## Reduction of the emergency level of the Norte/Laranjeiras dam

The Norte/Laranjeiras dam had its emergency level reduced from 2 to 1 in November 2021. The 29 families that have only part of their land located in the Self-Rescue Zone (SRZ) are gradually returning to normality.



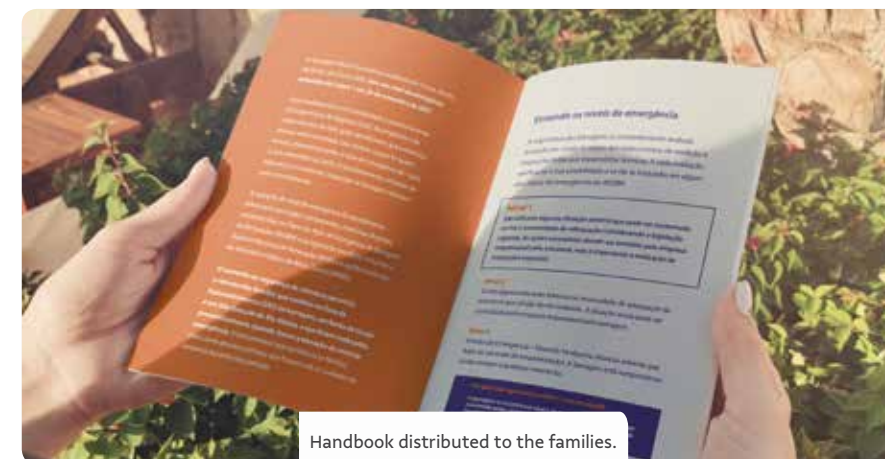
Norte/Laranjeiras Dam in Barão de Cocais.

Photo: Vídeo Delivery



### Conversation with the community

The families relocated preventively were approached by the Civil Defense, supported by Vale. The residents received a booklet with detailed information about indemnity, property adaptation, removal of fencing, demobilization of the emergency signs and dam safety.



Handbook distributed to the families.

Photo: Vale Archive



### Involved institutions

- Civil Defense
- Public Prosecutor's Office





# Antônio Pereira



Doutor Dam,  
Timbopeba mine  
(Emergency Level 1)



186 families re-allocated



108 indemnity deals have  
already been signed in the  
municipality involving  
301 people

Igreja Queimada in Antônio Pereira - Ouro Preto (MG)

Photo: Image Bank



# Compensation and Development Plan

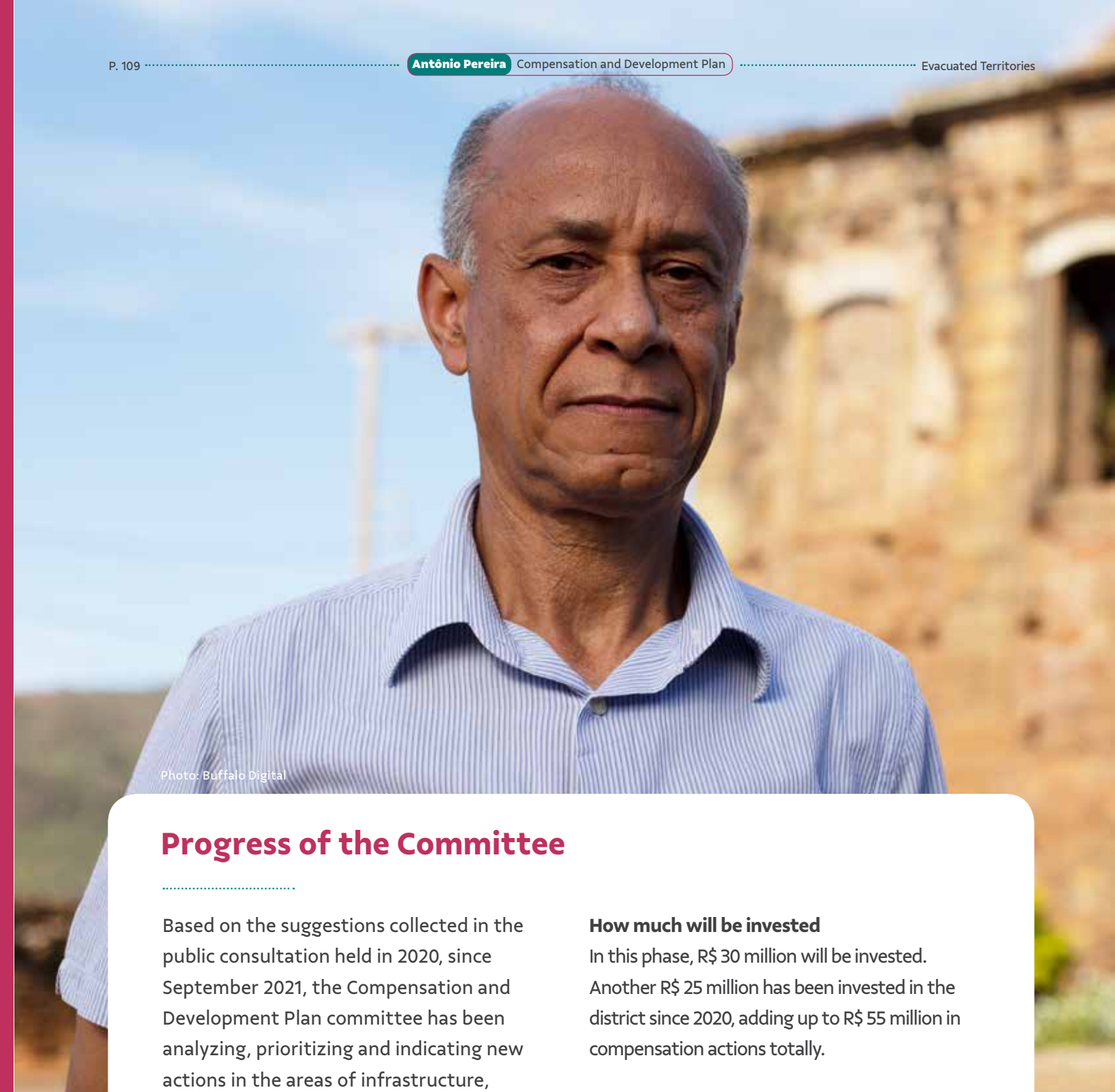


Photo: Buffalo Digital

## Progress of the Committee

Based on the suggestions collected in the public consultation held in 2020, since September 2021, the Compensation and Development Plan committee has been analyzing, prioritizing and indicating new actions in the areas of infrastructure, health, tourism, social assistance, sports, education, environment and water courses, economic development, social participation and public security.

### Who is on the committee?

Representatives of the communities of Antônio Pereira and Vila Residencial Antônio Pereira, the public power and Vale

### How much will be invested

In this phase, R\$ 30 million will be invested. Another R\$ 25 million has been invested in the district since 2020, adding up to R\$ 55 million in compensation actions totally.



“During all the time I lived here, there were always several things that bothered me, that could be improved. And now, by participating in the committee, we have the opportunity to make that happen. The participation of all enriches the work a lot. We have high expectations for the development of the district.”

**Roberto Assis de Freitas**, who lives Residencial in Antonio Pereira for 40 years and represents Vila Residencial Antonio Pereira on the committee of the Compensation and Development Plan.



### Initiatives already under feasibility study

After a series of virtual and in-person meetings, the committee took a big step in the process of prioritizing the Sports and Leisure, Education and Economic Development actions which may receive investments. Now, it is being analyzed whether it is possible to implement the following proposals, in technical and financial terms:

#### Sports and Leisure

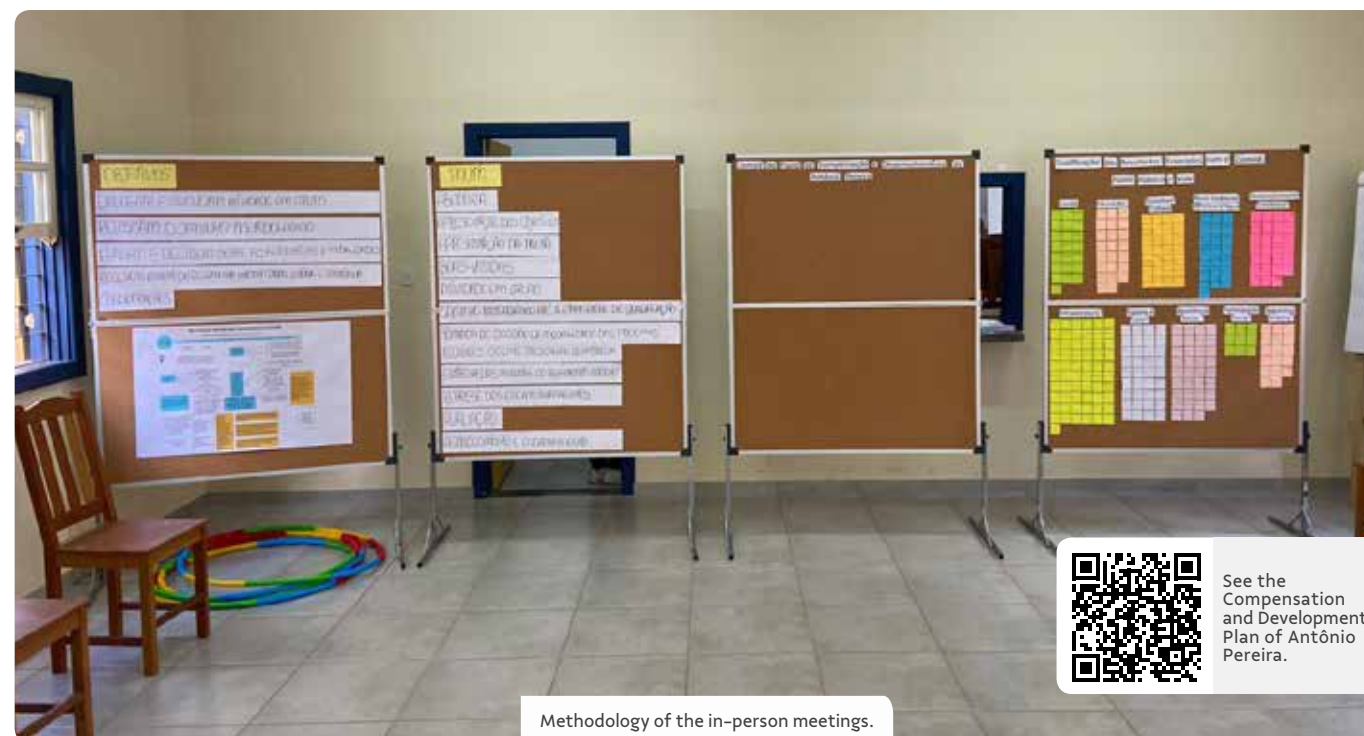
- Reconstruction of the Candéal field in a new location
- Revitalization of the covered gymnasium attached to Escola Renascer (the process of transferring the commodatum to the Residents' Association of Vila Residencial Antônio Pereira is in progress)
- Construction of a Multi-Sports Center

#### Education

- Construction of a new day care center in the EMEI model
- Acquisition of a suitable van or vehicle
- Expansion of the internal school equipment
- Education in schools for safe sexuality, property protection, drug addiction and violence prevention, etc.

#### Economic Development

- Professional qualification
- Implementation of Training Center
- Expansion of the Industrial Center



Methodology of the in-person meetings.

## Horizonte Project

Ana Maria Pereira Marques, representative of Associação Arte Mãos e Flores, is one of the 5 entrepreneurs of Antônio Pereira who are participating in the acceleration stage of the Horizonte Project, launched in 2021.

In this phase, which runs until October, individual advice and mentoring, collective qualification, lectures, conversation circles and workshops are carried out.

#### What we want

Support and strengthen the development of local businesses focused on generating improvements for the communities and the environment.

#### Topics covered

Business administration, digital marketing and sales techniques.



#### Forecast for completion:

• November 2022



Photo: Personal Archive - Ana Maria Pereira Marques

Associação Artes Mãos e Flores is one of the 17 supported businesses.





Photo: Arquivo pessoal - Ana Maria Pereira Marques

“

“To develop as entrepreneurs, we needed to organize ourselves and apply our digital marketing. We learned that we can sell not only to companies, but to individuals as well; that serving the customer is not simply selling, but discovering their problem, bringing the solution by means of our products.

Together, we learned that our project aims to impact our community by promoting sustainable craft workshops. For us, today, there is only one word: gratitude. For every knowledge acquired so far and for everything we will still learn from you.”

**Ana Maria Pereira Marques,**  
secretary of Associação Arte Mãos e  
Flores of Antonio Pereira.

## Other Actions



# New soccer pitch of Pedreira

The residents of Rua Beco Novo, in the Pedreira region, received a new soccer pitch in May. Now, children, young people and adults from the Antônio Pereira community will be able to resume leisure and relaxation activities at the place.

The old field was deactivated for the construction of the access road to the works to de-characterize the Doutor dam. The current space was donated by Vale as a social compensation work.



100%

Pitch was handed over to the community in May.

Photo: Vale Archive



“I followed up the struggle for the construction of the pitch from the beginning and I know the importance and the benefits that this work brings to the community.

Here, we have many children and teenagers who like sports and will be able to practice with the help of their parents. In addition, at the new pitch, there is more infrastructure and quality as well.”

Ivaldo Costa, resident at Rua Beco Novo, region of Pedreira.



Involved institution  
• City Hall of Ouro Preto



## Conversation with the community

The residents were able to follow up the entire work for the new pitch to be as close as possible to the old one. The project involved cleaning and leveling the land, in addition to installing equipment and protective fence.



Photo: Vale Archive



## Overpass refurbishment

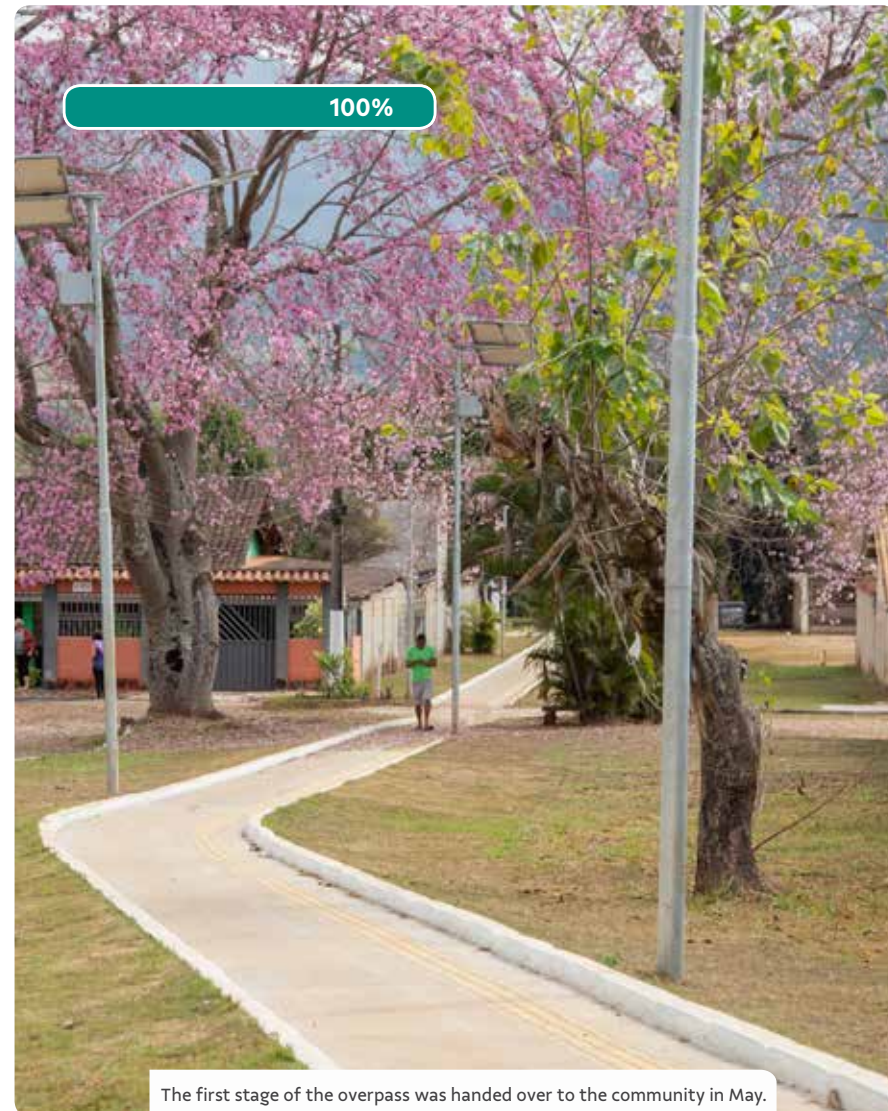
To fulfill the demand of the community and the public power, we refurbished the overpass that crosses Rua Água Marinha to Rua Rubi, in Vila Residencial Antônio Pereira.

### What we want

The purpose is to promote improvements in the access characterized as an escape route of the Emergency Action Plan for Mining Dams (PAEBM) of the Doutor dam.

### What has been done

Expansion of the width of the safe path, lowering of sidewalks, installation of raised crossings and tactile flooring and implantation of a metal structure to replace the existing stairs.



The first stage of the overpass was handed over to the community in May.

Photo: Vale Archive



Photo: Vale Archive



“It was a well-designed and well-executed work, which, at first, would serve as an escape route, but it is becoming a leisure area, too, because there are a lot of people walking.

The crossing was very well done, the access from one street to another was better. It is very beautiful!

People are using this space a lot.”

**Márcio Antônio Neves**, resident of Vila Residencial Antônio Pereira.

## Revitalization of the roof of Church São José dos Operários

The cathedral, located in Vila Residencial Antônio Pereira, was named in honor of its first patron, José dos Operários. Since the 1970s, it has contributed to the dissemination of the religious activities in the community.

With the transfer of 245 thousand to Paróquia Sagrado Coração, we contributed to the security and suitability of the prayer space of more than 1,500 believers.

### What has been done

Purchase of metal structures, tiles, strengthening of the church foundations and placement of beams to support the new roof, in addition to the payment of masonry and construction services.



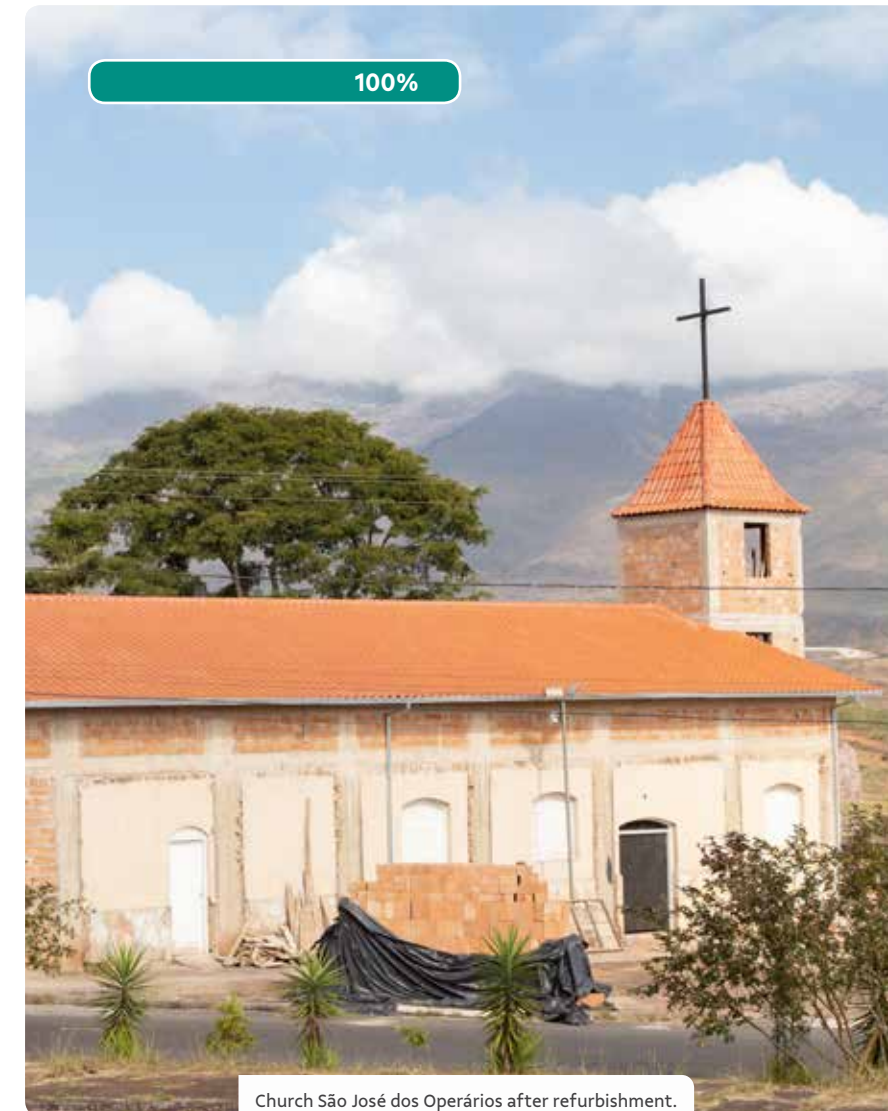
Photo: Vale Archive



“We are grateful for this support, which came at a difficult time for the community, which was experiencing, among other situations, the consequence of the pandemic, and this enabled acceleration of the works.

We hope that these negotiations with Vale will advance fast, and that they will always provide more, with a sense of justice, guarantee of rights, reparation and comprehension of the popular sovereignty, the needs and the desires of the local population”.

**Padre Marcelo Moreira Santiago.**



Church São José dos Operários after refurbishment.

Photo: Vale Archive



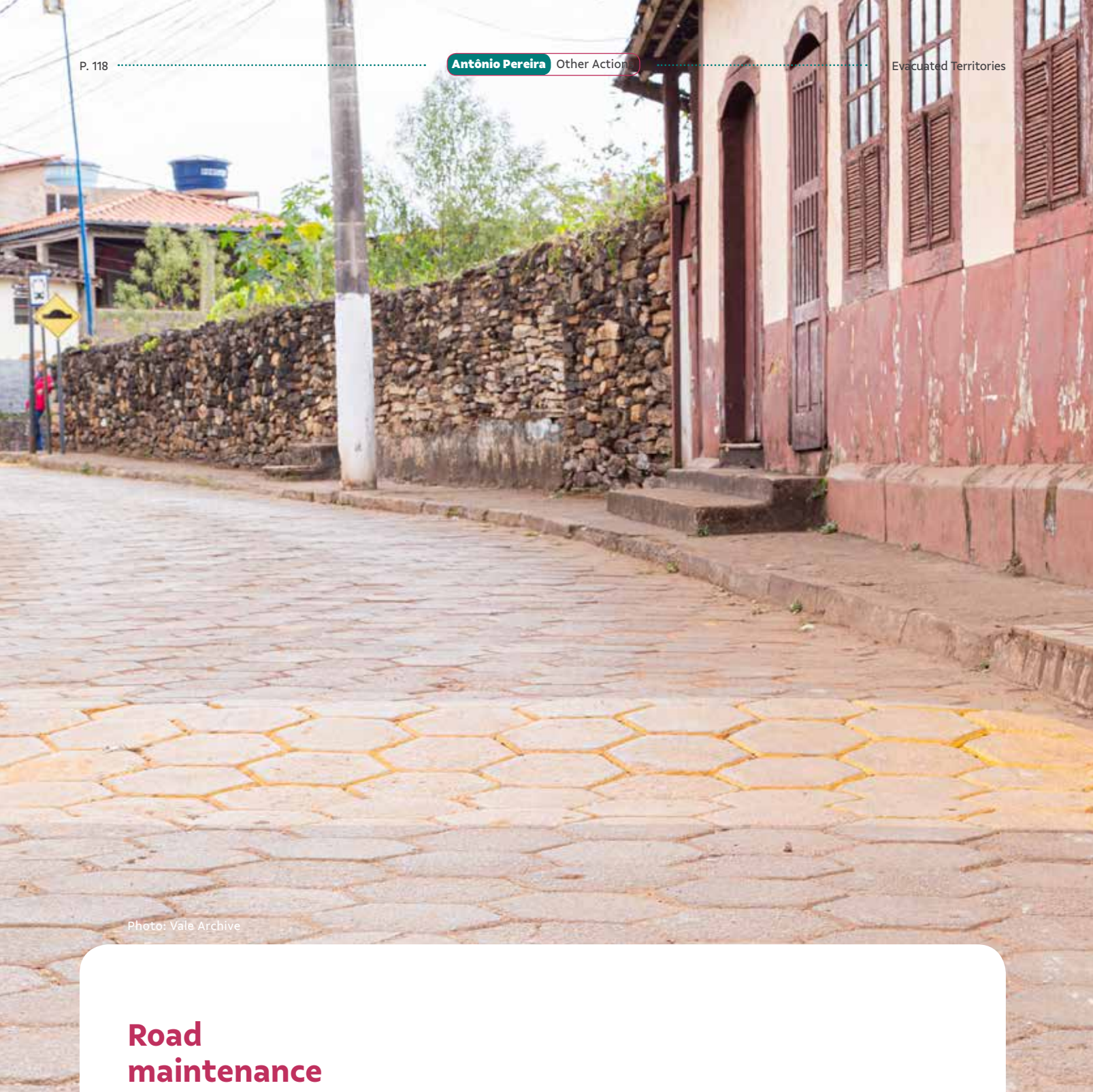


Photo: Vale Archive

## Road maintenance

After completing the maintenance of the roads which were used for the passage of vehicles to the construction sites to eliminate the Doutor dam, it was time to paint the signs of the speed bumps and crosswalks on Grande, Flores and Lapa Queimada streets.

Upon request by the community, we also recovered the blocks on Rua Grande which were damaged after the heavy rains in the region in January.

## Pavement of street Terezinha Pessoa

We started paving Rua Terezinha Pessoa, as agreed with the community. The interventions were authorized by the Municipality of Ouro Preto, Instituto Mineiro de Gestão das Águas (Igam) and by Cemig, and should be completed in October this year. Together with the pavement, we will also install the public lighting network on the street. There will be 18 poles total.

The work will be delivered to the Ouro Preto City Hall, which will be responsible for maintenance.



**Forecast for completion:**  
• October 2022



Photo: Vale Archive



### Vale Responds

#### Why will the pavement be made of blocks and not asphalt?

Block pavement has a more comfortable, sustainable urban performance and better permeability than asphalt, in addition to the fact that its installation does not require heavy equipment.



# Dam Safety

## Progress of the works for elimination of the Doutor dam

In April, the slope near the Doutor dam spillway was cleaned, a preparatory activity for the removal of the section of the structure that will be repaired and replaced.

The canal has remained closed since November last year, due to damage identified in some parts of the gabion.



Photo: Video Delivery

### Next steps

The elimination project includes works to reinforce the main structure of the dam and the auxiliary dikes. In the last stage, we will carry out the surface drainage, i.e., the drainage of water from the dam, and revegetation of the area.





### Conversation with the community

Since the stop of the new spillway for adoption of corrective measures, the community has been participating in virtual meetings to understand, in more detail, the next steps for the elimination of the Doutor dam.

A group of community leaders, together with representatives of the public power, the Public Prosecutor's Office and Civil Defense, started the schedule of guided visits to the elimination works in April, which continues throughout the year to provide full transparency to the process.



### Involved institutions

- Civil Defense
- Public Prosecutor's Office



Photo: Vale Archive



Watch the series about dam elimination



### Vale Responds

#### What is the expected duration of the spillway repair works?

The activities are expected to take place in approximately one year.

#### Do the spillway repair works lead to any risk for the dam stability?

No, they are far from the massif (dam) and upstream (behind) the reservoir.

#### Does the de-characterization of the dam start after the spillway works?

No, the de-characterization works may take place at the same time; however, the projects are still under review and there will be additional surveys.

In the press



Read the full article.



## Guiding Seminars

In order to promote emergency preventive culture, in March, we started Orientation Seminars with the communities in the Antônio Pereira district. The purpose of the meeting, which will be held regularly, is to clarify the main doubts of the residents about the safety and the elimination of dams, construction and raising methods and the Emergency Action Plan for Mining Dams (PAEBM).



### Involved institutions

- Civil Defense
- City Hall of Ouro Preto

## New flooding stain of the Doutor dam

After undergoing a review, the hypothetical flood stain of the Doutor dam was assessed and validated in May by SLR, an auditing company of the Public Prosecutor's Office of Minas Gerais.



Photo: Vale Archive



### Conversation with the community

The new stain was presented to the community at an in-person meeting held at Escola Estadual Professora Daura de Carvalho Neto, with the participation of representatives from the Civil Defense and Vale. On the occasion, the residents had the opportunity to clarify doubts regarding the reduction of the Self-Rescue Zone (SRZ).



### Result from the studies

The studies, which took into account the decrease in the volume of water due to the current condition of the spillway (cofferdam), greater detailing of the model and knowledge of the material of the reservoir, among other factors, indicate reduction of the area that would be reached in extreme break scenario.

The current design of the stain provides the preventive relocation of two new families, in Antônio Pereira and Antônio Pereira Residencial Village.

### Preventive reallocation

### Return home and to the Samisa Club

About 50 families from Antônio Pereira, preventively relocated between 2019 and 2021 for the beginning of the works to de-characterize the structure, will be able to return to their homes of origin safely, if they are interested. The reduction of the limits of the Self-Rescue Zone (SRZ) will also allow the community to return to the Samisa Club.



### Vale Responds

#### Will Vale force the families to return to their homes?

No. The reduction of the stain opens the possibility to return, but we are aware of the effects these changes have on people. Therefore, the return will be discussed jointly with the residents, respecting, above all, everyone's interests.





## Macacos



BB/B4 dam,  
Mar Azul mine  
(Emergency level 3)



114 families evacuated, 67 of whom have already returned to their homes (outside SRZ) or completed the indemnity process (acquired new properties).



628 indemnity deals were signed, involving 1,218 people.

São Sebastião Church in Macacos – Nova Lima (MG)

Photo: Vale Archive



# Compensation and Development Plan



Photo: Raíra Gomes Dias Andrade

Tatiana Santana da Silva, an entrepreneur from Macacos, participates in the Horizonte Project.

## Entrepreneurs from Macacos participate in Projeto Horizonte

Tatiana Santana da Silva, representative of the Bordô à Mão project, and Fernando Cançado, representative of Medja, are two of the 10 entrepreneurs from Macacos who are participating in the acceleration stage of the Horizonte Project. Launched in 2021, the project supports and strengthens the development of local businesses focused on generating social and environmental improvements for the communities.

The acceleration stage started in November 2021 and runs until October this year. There, the entrepreneurs receive individualized advice and mentoring, in addition to collective qualification, lectures, conversation circles and workshops about several areas, such as business management, digital marketing and sales techniques.





Access the QRCode to learn more about Bordô à Mão, Tatiana project.

For Tatiana, the Project helped her to make her business more concrete.

Photo: Raira Gomes Dias Andrade



The Horizonte Project helped me to reach new possibilities of work. I created a project within what I was already doing, and in addition to generating job opportunities for Bordô à Mão, I can train and contribute to the generation of income for other women who are in social vulnerability situation throughout the national territory."

**Tatiana Santana da Silva** represents project Bordô à Mão.



The Horizonte Project is allowing us to professionalize and structure Mendja – Presence, Welfare and Health, in order to expand the reach and the impact of its activities. As we were not experienced entrepreneurs, Projeto Horizonte is being of paramount importance in providing us with the necessary tools to materialize our dream to work towards Integral Health, well-being and transformation of the Macacos territory."

**Fernando Cançado,** entrepreneur Mendja, an Integrative Health Center.



Access the QRCode to learn more about Mendja – Presence, Well-being and Health.

Fernando Cançado and Pedro Rodrigues – Partners of Menja.

Photo: Raira Gomes Dias Andrade

## Works in the field of Capela Velha

### What is being done

Among the improvements carried out in the field, there are recovery of the natural grass, installation of lighting, fencing and beams, implementation of an irrigation and drainage system, installation of pre-cast benches, construction of new buildings (new bar, secretariat, with accessibility, locker room for the referee) and refurbishment of the existing buildings.



16%

View of the field after refurbishment.



The new locker rooms are being finished.



**Forecast for completion:**  
· October 2022



## Refurbishment of the court in neighborhood Jardim Amanda

An important recreation space for the residents of the Jardim Amanda neighborhood in Macacos, the sports court was handed over to the community on February 23, after revitalization.

### What has been done

Reconstruction of the fences, new lighting and painting, in addition to the construction of locker rooms and administrative room.

The Jardim Amanda court temporarily housed the school community of Escola Municipal Rubem Costa Lima in 2019. The handover of the refurbished court, as well as the construction of the new school building, handed over to the community in 2020, are part of the Compensation and Development Plan of Macacos.



Photo: Six Star



Photo: Six Star



Photo: Six Star



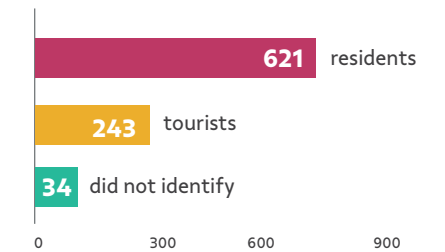
“The community knows that sport adds a lot, and this is fundamental to aggregate and unite the residents.”

Marcelo Bonfanti

## Entrance of Macacos will get welcome totem chosen by residents

To welcome the residents and the visitors of the district, a totem pole will be installed on MG160. The structure was chosen through a public consultation held in June with the residents, when three totem options were made available with different materials: concrete, metal and wood. The action is part of the Macacos Compensation and Development Plan, built with the participation of the community and the public power. Its purpose is to contribute to the promotion of tourism in Macacos, making the entrance to the district even more charming and welcoming.

How many votes were received in the public consultation: 898



### Check the voting:



### Check where the totem will be installed





## Civil Defense Post is refurbished

The Civil Defense headquarters in Macacos underwent refurbishment with the purpose to improve the working environment for the local team, and the service to the residents of the district.

### What has been done

Among the adjustments, there are repairs to the cracks and fissures of the structure, electrical and hydraulic review, painting of the space, replacement of the doors and replacement of the lining.

### Did you know?

On May 25, the date of delivery of the refurbishment, the city hall representatives delivered certificates for the ICS (Incident Command System) course, carried out by Civil Defense supported by Vale.



“The refurbishment was important to us. When we arrived here, the building was quite deteriorated and the refurbishment will be of great value, even to serve the population with better quality.”

Jonas Oliveira, Civil Defense servant in Macacos.



Jonas Oliveira, in front of the refurbished Civil Defense center.

## Marcinho bridge finished

In June, we handed the work of Ponte do Marcinho over to the community, with the purpose to prevent the silting of the watercourse and making the passage through the place safer.

### What has been done

Local dredging of the river, replacement of tire containment, installation of guardrails and construction of a structure of mortar stones to protect against erosion.



The bridge refurbishment was completed in the first half of June.



## Galera Mão na Massa

The youngster Pedro Miguel heard the announcement for enrollment in project Galera Mão na Massa, with the option of free courses, including Technology and Virtual Reality. He had always liked the subject and took the opportunity to participate in 3D Modeling and microcontroller programming mini-courses as well. *“I learned how to assemble a cart, use LEDs, sensors and activate wheels. There’s a lot of new stuff here and I’ll be able to take advantage of the pieces I already have at home”,* said Pedro, who wants to study more about robots, and in the future, work with electronics.

### Free courses offered

7

### Vacancies available

140 vacancies offered in Macacos



Pedro Miguel, resident of Macacos.

Photo: Macaca Filmes



“I heard the radio of car on my street and I immediately asked my mother to sign me up for the robotics workshop.”

**Pedro Miguel Santos,**  
resident of Macacos,  
participated in workshops  
of project



### Involved institutions

- Startup EcoCreator
- Associação Comunitária de Macacos

## Focus on creativity

Since the beginning of the school year, five public schools in Itabirito and Nova Lima (Macacos district), municipalities impacted by emergency evacuations, have received an important ally in the education process: **project Trilhas do Saber Aprendizagem Criativa**. The initiative aimed to bring a new perspective to stimulate creativity, innovation and problem solving, developing skills in the students which restore the enchantment of learning. They actively participate in the learning process, having the teacher as a partner and mediator.

### How it is done

With Faber-Castell methodology, the classrooms are transformed into micro-learning worlds, where the students have the chance to explore creativity and express their ideas in different ways, whether immersed in an Enchanted Forest or in an Underwater Exploration, with the variety of resources to create and learn.

### How many students will benefit:

About 600, during three years.



Alecimara Lima and Clarice Silva are teachers at Escolas Rubem Costa Lima and participate in the program

Photo: Buffalo Digital



### Involved institutions

- Faber-Castell
- City Hall of Nova Lima



This project is a very important step to improve our teaching-learning, our methodology, especially with new youth who needs to connect more and more with the school.

That learning from the last century is no longer integrated with the youth of the digital age.”

**Pedro Dornas,** Secretary of Education of Nova Lima, who participated of the launch in March.



The program was launched in March this year in the municipality.

Photo: Macaca Filmes





Photo: Vale Archive

## Reinforcement in basic health

In three years of operation, the Health Cycle Program has achieved good results in its mission of supporting the public administration and contributing to the strengthening of Primary Health Care in the municipalities where it works..

### What was done by the program in Macacos

**1. Donation of equipment** which improved the working conditions and the service to the community;

**2. Health Promotion and Education,** with a training cycle which included health professionals working at UBSs as well as the municipal management team;

**3. Qualification:** Young Builders in Health and Promotion and Education in Community Health;

**What has been concluded:** to date, program actions have been completed in 14 municipalities impacted by dams, including Macacos.

# Dam Safety



### Happened in the territory

In January, due to the high volume of rainfall in a short period of time, the containment structure built for the BB/B4 dam ended up contributing to flooding in the roads close to the structure.



Photo: Vale Archive

## Containment Structure undergoes improvements

In June, the work on the improvement of the Containment Structure built for the BB/B4 dam started. The action aims to increase the flow capacity of the structure and the forecast for completion is December this year. Tunnels will be built with the purpose to reduce the volume of water accumulated in the containment, and consequently, prevent the interdiction of roads in Macacos, in case of intense rains, such as those recorded in January 2022.



Containment structure of dam B3/B4.

Photo: Videodelivery



### Conversation with the community

On May 26, residents of Capela Velha, in Macacos, attended in an in-person meeting about the improvement project carried out in the containment structure built below the B3/B4 dam, measures to reduce possible impacts for the residents, who were able to clarify doubts with Vale's technical team, we also presented.



Photo: Vale Archive

36%



Photo: Video Delivery

## Elimination of dam B3/B4

The B3/B4 tailings dam at the Mar Azul Mine has already had 36% of its content removed. The emptying of this dam is the main stage of the works on the elimination of the facility. The activity is being carried out by unmanned equipment. This means that there is no one inside the trucks, excavators and tractors which remove the material.

The machines are operated remotely, safely for the operators. The forecast is the dam to be fully eliminated by 2027.

The current trend, based on the pace of interventions and stability of the structures, is to complete the work in 2025, two years ahead of schedule.





### Conversation with the community

Macacos leaders visited the works to eliminate the B3/B4 dam at the Mar Azul mine and the Geotechnical Monitoring Center, which monitors the structures 24 hours a day. In addition to knowing more about the de-characterization and the adopted safety measures, the participants clarified doubts about the process.



On May 11, it was their turn to visit Vale's Geotechnical Monitoring Center.

Photo: Vale Archive

## Work requested by the community improves vehicle traffic

With the support of the Civil Defense of Nova Lima, we carried out improvement in the public road with the purpose to facilitate the passage of cars and school vans through the site, especially in rainy periods.

### What has been done

Asphalt coverage of some stretches, totaling 259.5 meters of Alameda do Engenho, in Condominium Parque do Engenho, with access through Bar do Marcinho. The intervention was conducted by the team of the Emergency Action Plan for Mining Dams (PAEBM).



Photo: Raíra Gomes Dias Andrade



### Involved institutions

- Civil Defense
- Condominium Parque do Engenho

## Check out the containment structure of the B3/B4 dam from home

Do you also want to see how the safety of dams and other Vale structures works closely? And how these structures are monitored?

With Vale 360° virtual tour, you can take part in a guided tour of the B3/B4 containment structure, other active and eliminated tailings dams, equipment installed in the structures, in addition to the Geotechnical Monitoring Center, which monitors dams 24 hours a day, 7 days a week, all with 360° vision.

The initiative is part of our commitment to making our activities in dams more transparent and keeping open dialogue with the community.



The tour is available on site [visitevale.com.br](http://visitevale.com.br)



# Itabirito



**Forquillas I and III,**  
Fábrica mine (emergency  
level 2 and 3, respectively)



**28 families evacuated, 17 of  
whom have already returned  
to their homes (outside SRZ)  
or completed the indemnity  
process (acquired new  
properties)**



**30 indemnity deals  
were signed, involving  
83 people**



Station Square – Itabirito (MG)

Photo: Zefini



## Program Family Reference



Salete Moreira Gomes – Professional of the Family Reference Program

Photo: Volantes Produtora

The families directly impacted by evacuations receive psychosocial assistance, support to overcome the experienced impacts, restore the independence and re-signification of the means and ways of life. The follow-up is provided through active and empathic listening, based on quality and professional ethics, focusing on each family's needs.



# Compensation and Development Plan



**Health support :** We have been working to promote actions that can contribute to the improvement of the public health in the municipality. In the first half year, we signed an agreement for the refurbishment of the Apae Rehabilitation Center, we supported the city hall in the construction of a new Basic Health Unit and continued with the activities of the Health Cycle program.

## APAE Specialized Rehabilitation Center will gain its own headquarters, fully adapted

The Specialized Rehabilitation Center (CER), which serves patients from Itabirito, Ouro Preto and Mariana through the public network, will start operating in its own headquarters, completely refurbished and adapted to the patients' needs, next to APAE (Association of Parents and Friends of the Exceptional People). The works will be carried out in the building donated by the city hall.

### How much will be invested

The work will be carried out by APAE, using a transfer at the amount of R\$ 6.5 million, which will be made by Vale as part of the Itabirito Compensation and Development Plan.



Waldyra Salvador.

Photo: Buffalo Digital



Perspective of the Specialized Rehabilitation Center (CER).



“This space is already considered a reference in the region of Inconfidentes.

The idea with the refurbishment will be to serve more people with more quality.

The entire building will be designed to enhance the rehabilitation of disabled people.”

Waldyra Salvador, manager of Apae.



### Involved institutions

- APAE
- City Hall of Itabirito

## Support for the construction of UBS Água Limpa

In April, we delivered the project for the construction of a Basic Health Unit in the Água Limpa neighborhood. The work will be carried out by the Municipality of Itabirito.

The purpose of the action is to help the municipality provide an accessible structure for people with wheelchairs, with reception, waiting room, gynecological and dental office, storage room, dining room, locker room for professionals and shelter for the safe disposal of waste, in addition to support areas.



### Involved institutions

- City Hall of Itabirito



Executive project being handed over to the mayor of Itabirito, Orlando Caldeira, and to the Secretary of Health, Cleusa Claudino, by Vale's team.

Photo: Vale Archive



## Health Cycle

In activity since 2020, the Health Cycle Program has reached all Basic Health Units in Itabirito, with different initiatives, check out some of them: Donation of equipment; Health Promotion and Education: qualification for health professionals and municipal administration; Management Support: tools were made available to support municipalities in reading, monitoring and assessment of Primary Care indicators.



Attendance provided with the donated equipment.

Photo: Vale Archive

### X-ray of the Health Cycle in Itabirito:

- 215 professionals qualified
- 462 equipment units and materials donated
- 44 workshops done
- 12 UBSs attended
- 13 Health Promotion and Education Plans created



#### Involved institutions

- Community Agents
- City Hall of Itabirito

## Entrepreneurs from Itabirito participate in the Horizonte Project



Photo: Vale Archive



Learn more about the Horizonte Project



“For us, to walk the entrepreneurial path is to walk towards transformation to a social business model with purpose.

We feel happy, privileged, and above all, very grateful for the opportunity to be part of the Horizonte Project.”

Vânia Heloísa de Carvalho,  
representative of project  
Memória de Agulha

Vania Heloisa represents project Memória de Agulha, one of ten projects in Itabirito participating in the acceleration stage of the Horizonte Project. Launched in 2021, the project supports and strengthens the development of local businesses focused on generating social and environmental improvements for communities. The acceleration stage started in November 2021 and runs until October this year.

There, the entrepreneurs receive individualized advice and mentoring, in addition to collective qualification, lectures, conversation circles and workshops about several areas, such as business management, digital marketing and sales techniques.



#### Involved institutions

- Semente Negócios



# Territorial Development Project closes activities leaving a legacy of collective work

Forty-five entrepreneurs participate in the Itabirito Territorial Development and Social Transformation Project, which leaves the Itabirito Creative Network as its main legacy, conceived and created by the Project members.

### What has been done

Launched in 2020, the project completed its activities in June 2022 with many training sessions, partnerships, participation in fairs and events and inspiring trip as result. The entrepreneurs gathered in a network to act collectively, supporting each other and fostering partnerships and new businesses.

### What are the goals of the Creative Network?

- Strengthen the local creative ecosystem, promoting cultural, tourist and gastronomic businesses
- Promote partnerships between members, enhancing the Territory production chain
- Disclose the Network products and services to the market, with a marketing mechanism, outside the Municipality as well
- Create new business opportunities



Creative Network was launched on December 19, 2021.

Photo: Larissa Pedrosa



Photo: Vale Archive



“Participate in this project was wonderful, it made me look at my business with different eyes. Incubation allowed me to grow a lot, without it, I wouldn’t have the results I have today.”

Ana Nonato, from Favó de Mel.



Itabirito Creative Network was an organic movement, in response to a need of the entrepreneurs themselves to create powerful connections and strengthen the local production chains.”

Jussara Rocha, coordinator and partner of Sustainable Development Roots.



### Involved institutions

- Sustainable Development Roots



Photo: Larissa Pedrosa



To learn more about the project, access QRCode:





## Escola Municipal de Ribeirão do Eixo receives refurbished court

In the first week of January, the community received the court of Escola Municipal de Ribeirão do Eixo, refurbished between July and December 2021.

The redesign included reinforcement of the protection grid, installation of a metal roof, beams and basketball hoops, building of locker rooms, concreting and polishing of the floor.

The opportunities for improvement were identified together with the population. The court of Ribeirão do Eixo was the seventh revitalized school space in Itabirito.



Photo: JB Cabine e Fotografias



Valdivio da Silva is volunteer coach.

Photo: JB Cabine e Fotografias



“The court is the only space we have in the community to practice sports, and with the refurbishment, we will be able to carry out other activities in the place, such as meetings, small events, wakes, religious services.

I was happy that the refurbishment request was promptly answered and all repairs were great”

Valdivio da Silva, guard and volunteer coach.

## Knowledge Trails Sports and Leisure



Professor Bárbara Fonseca

Photo: Vale Archive

Bárbara Fonseca, educator at Escola Municipal Ana Amélia Queiroz, is participating in moments of reflection on the pedagogical practice and building shared knowledge. She is one of the participants of project Trilhas do Saber, Esporte e Lazer in Itabirito.

### What we want

Collaborate with education, sports professionals and people interested in developing sports projects.

In addition, the program seeks to qualify educators to teach by means of play and sports, skills that encourage the children to play a leading role and strengthen the connection within the community.

### Where it takes place

Itabirito and the district of Antônio Pereira (Ouro Preto)

### Number of participants

40



Tutoring provides approximation between the teacher and the student. I even joked the other day, I said it was my biweekly therapy.

It is a moment that allows me to think about pedagogical practice and reflect on it. Thus, it is possible to build knowledge and rethink practice.”

Bárbara Fonseca, teacher at Escola Municipal Ana Amélia Queiroz in Itabirito.



### Involved institutions

- Sesi MG
- Public Schools from Itabirito and Antônio Pereira



## Galera Mão na Massa

Knowledge about maker culture, technology and sustainability are the ingredients used by Project Galera Mão na Massa, which started in June.

### What we want

Contribute to the education of children and adolescents aged between 7 and 17, using sustainable technology and materials in a simple and playful way, using the language of the future.

### Workshops offered

Basic Robotics, 3D Modeling, Programming, Virtual Reality, Maker Experience, Internet of Things and Arduino Programming.



Blenda Morena, Community Relations Analyst.

Photo: Six Star



“In Itabirito, we started the project in the Marzagão community and the workshops are being very well received by children and adolescents. It is gratifying to see them hands-on, striving to learn in the activities of each workshop.”

**Blenda Morena**, Community Relations Analyst.



### Involved institutions

- Community Associations
- Startup EcoCreator



To learn more about the project, and how to participate, access the QRCode or go to [www.galeramaonamassa.com.br](http://www.galeramaonamassa.com.br)



# Dam Safety



## Recovery of urban streets in Itabirito

In May, asphalt pavement recovery services were started on ten streets in the urban area of Itabirito. The activities consist of removing the damaged stretches of the lanes and applying new asphalt.

The pavement recovery includes a total of 5.8 km of lanes in the city and started at Avenida dos Inconfidentes.

Asphalt will also be replaced on streets José Benedito, Maria Pires dos Santos, Capitão Serafim, João Pinheiro, Ana Maria Teixeira, Manoel João Pinto, Carolina Marques, Eng. Simões Lacerda (MG-OBO) and Adão Honório.

### What we want

Contribute to improving the safety and the mobility of the residents, repairing streets impacted by the heavy vehicle traffic.



“The repair of these streets is a commitment made by Vale after the use of some of the Itabirito streets by vehicles destined to the works on the tailings containment structure, implemented between Itabirito and Ouro Preto”.

Ronaldo Salles, manager of the Dam Decharacterization Project.



**Involved institutions**  
• City Hall of Itabirito



Ronaldo Salles.

## Emergency drills

On May 10, an emergency drill was carried out at dams Forquilhas I, II, III, IV, V, Grupo, Dique de Pedra and Area IX located at Fábrica Mine, in the municipalities of Itabirito and Ouro Preto.

The preventive measure guided Vale’s employees on how to act in case of emergency involving dams.



### Involved institutions

- Civil Defense
- Fire Department
- Public Prosecutor’s Office
- Military Police



Emergency Drill.





# Conselheiro Lafaiete



648 students  
re-allocated



30%



## The work for the construction of the new headquarters of Escola Meridional is progressing

### What is being done

Foundation with the execution of excavations and concreting of the straps and foundation blocks and the piles of the central block, east wing and west wing of the School.

### Delivery forecast

The first stage of the work, which includes the main building with the classrooms, should be delivered before the start of the next school year and other structures (multipurpose arena, playgrounds, parking,) in July 2023. The new unit will be built on approximately

17 thousand m2 of land donated by Vale. The project expands the capacity to serve students from 650 children to 840 in two shifts. The work is social compensation for the school community. The students from the school had their classes preventively suspended in March 2020 due to the technical reassessment of the stability of a waste dump near the school. Since then, they have occupied a transitional structure created by Vale on the premises of Centro Universitário Presidente Antônio Carlos (Unipac).



Representatives from the city hall and Escola Meridional received by Vale's team on a visit to the work on May 4th.

Photo: Vale Archive



Visit of City Hall Representatives to the work on June 28.

Photo: Vale Archive



To find out what the school will look like, point the camera of your mobile phone at this code:





# Document

**Quarterly report** in Vale's repair and development actions in the areas impacted by the B1 Dam break and in the evacuated territories.

**Date:** June 2022

**Presidency:** Eduardo Bartolomeo

**Reparation and Development Board**

**Territory:** Marcelo Klein

**Communication Board:** Júlio Gama

**Coordination, Editorial Project**

**and Editorial Office:** Communication Team and Press – Minas Gerais

**Edition:** BH Press

**Layout:** Stalo [IN]

# Service Channels

## Official channels

Use these channels to clarify doubts and get information about the reparation actions:

[www.vale.com/reparacao](http://www.vale.com/reparacao)

### 0800 031 0831 – Reparation Service Center:

for assistance related to repair and compensation processes, caused by the break of the Brumadinho dam (MG), evacuations and preventive relocations carried out in other territories.

### 0800 039 6010 – Vale General Service Center:

information on operations and dams, including the Emergency Action Plan for Mining Dams (PAEBM).

## Offices – Indemnities

### Brumadinho

(31) 99600-7242

(31) 99648-6483

(31) 98445-8059

### Belo Horizonte, Betim and Macacos

(31) 99983-9076

### Barão de Cocais

(31) 99944-6773

### Antônio Pereira

(31) 99830-5886



Learn more  
about the  
Reparation.



