

[Message from the Board of Trustees]

Vale Foundation has supported and strengthened public education and health policies for more than five decades while fostering social business in the territories in which Vale operates. Its social methodology and practice and the actions it establishes with communities, governments and partners have been recognized by more than 70 national and regional awards. And these same actions are ratified by the many stories of life transformation shared in the various schools, health units, museums, trains, and in the many spaces where we are present.

This presence became even more significant after the tragic rupture of Dam I of the Córrego do Feijão Mine in Brumadinho city (Minas Gerais State) on January 25, 2019. Vale Foundation's teams have supported actions to assist victims and the community from the first moment. And given Vale's commitment to repair and compensate the damage caused, the Foundation's expertise and the partnerships it established for territorial development have become more than necessary – they became urgent and essential.

In this sense, 2019 required not only a review of the working model, but a transformation of our entire vision to meet present and future challenges. In 2020, in the midst of the COVID-19 pandemic, Vale Foundation moves forward in a even more collaborative perspective with partners and communities to support the prevention of the novel coronavirus and mitigate its impacts.

Mining is a base industry for the development of contemporary societies. So the search for a sustainable journey, in the light of the principles of a low carbon economy, and in alignment with peoples and communities' aspirations, is our commitment. Thus, the Vale Foundation has a central role in building this legacy to effectively establish a new pact with society.

Luiz Eduardo Osorio
President of the Vale Foundation Board of Trustees
Executive Director of Institutional Relations,
Sustainability and Communication at Vale

[Presentation]

When looking at the trajectory of Vale Foundation’s teams and partners in 2019, we find evidence of a collaborative process, anchored in the principles of cooperation, coexistence and the exchange of knowledge. These are signs that, even in a year of irreparable losses with the rupture of the Brumadinho Dam, we have all grown together with our teams, partners and suppliers.

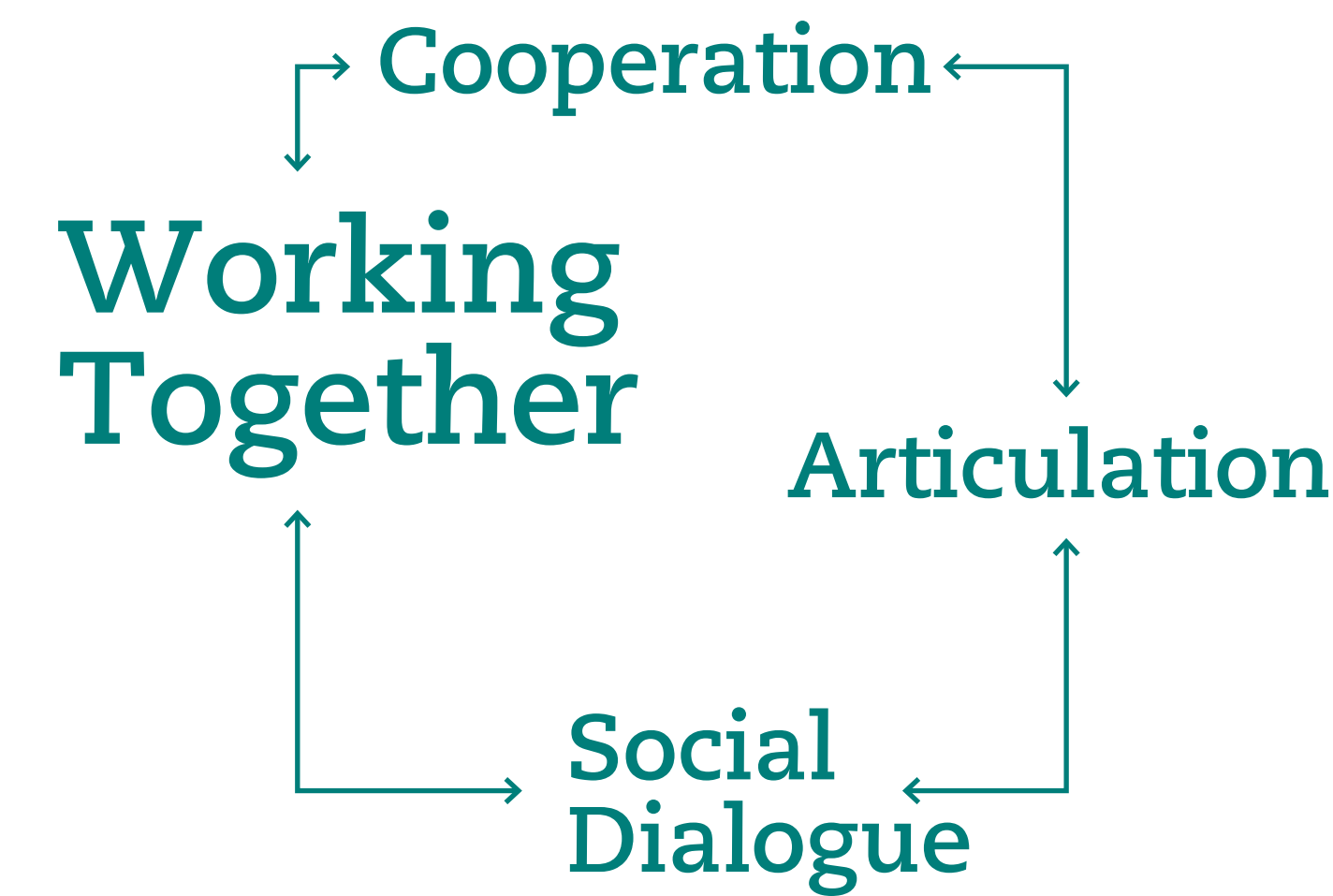
This year, we improved our way of being and acting in the municipalities where Vale is present, establishing a new organizational structure that allows for even greater territorial articulation. We reorganized the Territory Management areas, which concentrate the management of projects in the states in which we operate. The North area includes the States of Maranhão and Pará while the South includes the States of Espírito Santo, Mato Grosso do Sul, Minas Gerais and Rio de Janeiro. We also created the Social Methodologies management model, to test new methodologies and evaluate results in the areas of health, education and social business, and we still have the support of the Management administration area, which directs the governance and administration of Vale Foundation.

In 2019, we operated in 68 Brazilian municipalities and our actions reached 770,000 people with initiatives such as the Health Cycle Program, aimed at training Primary Health Attention teams and providing equipment and furniture to Basic Health Units (BHUs). We supported the expansion of services in all 44 BHUs in the six municipalities where we implemented the program in 2019. On the education front, there were more than 390 initiatives in education units, 940 participations in development training and 77,200 students who benefited from initiatives carried out by Vale Foundation in 21 municipalities. These work and income generation projects leveraged more than 100 social businesses and supported approximately 700 entrepreneurs. Under the management of the Vale Foundation, the five Knowledge Stations served more than 4,500 people, while museums and cultural centres received more than 500,000 visits.

Beyond the numbers, we gathered in this publication reports from teachers, students, social entrepreneurs, families and partners in our network. Together, they comprise the Vale Foundation, a pioneer in social performance, which has strived for 52 years to meet urgent needs today and create a more sustainable future.

I give my thanks to each and every one of you and, in particular, to the Vale Foundation teams, for a year of collective growth expressed in the experiences shared here. It is this learning that strengthens us in these challenging times to face the novel coronavirus, when we need to be ever more innovative and collaborative – even at a distance.

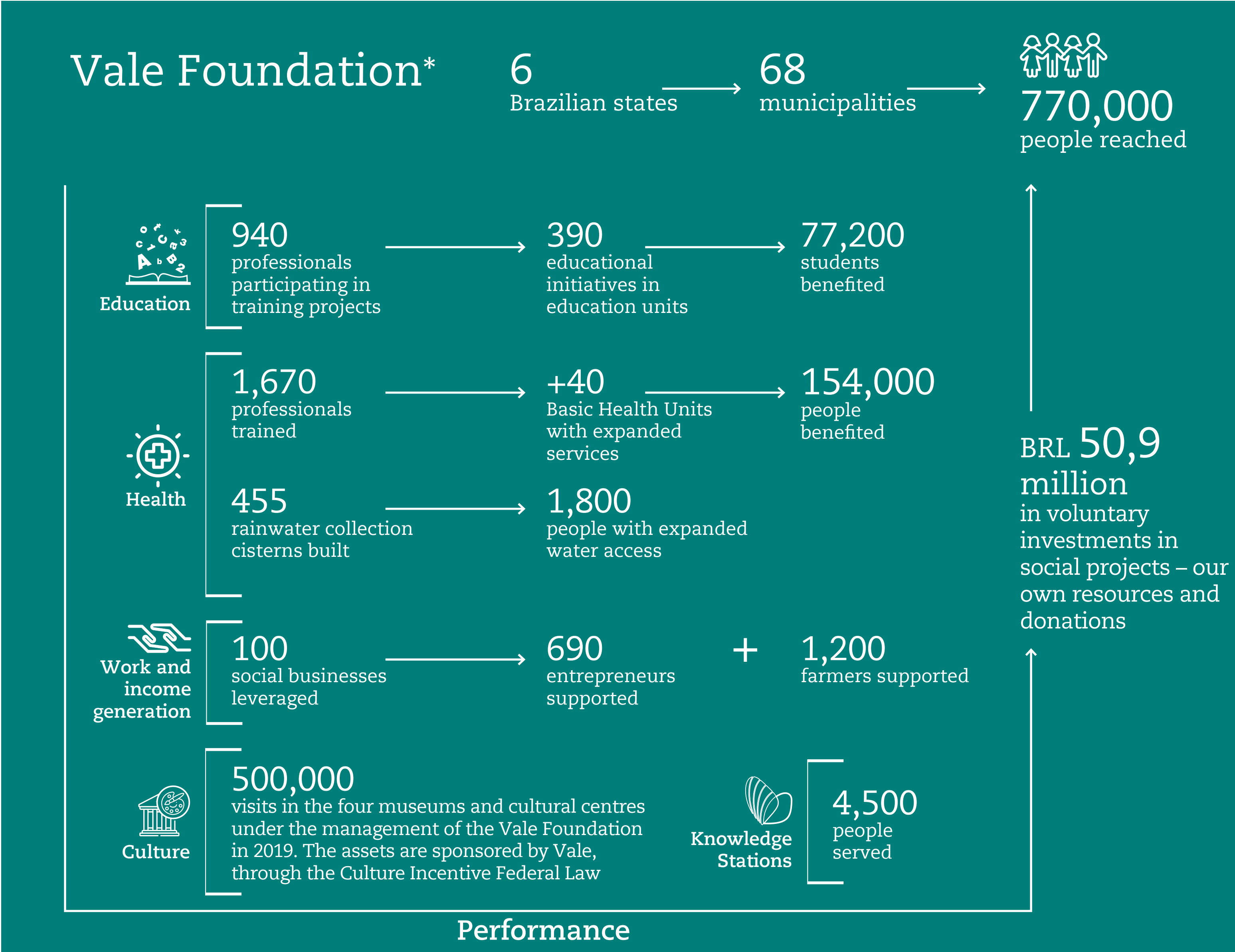
Hugo Barreto
Chief Executive Officer of Vale Foundation
Sustainability and Social Investment Director at Vale



[Mission]

Vale Foundation's mission is to contribute to the development of the territories where Vale operates, by supporting education, promoting health and social businesses, strengthening human capital in communities and respecting local identities. Based on dialogue and immersion in the territories, we develop and carry out voluntary social projects aimed at improving the quality of life and strengthening communities' access to their essential public rights and services.

Vale is the main sponsor of the Vale Foundation, which also receives funds from other institutions and companies through donations directed to develop projects in the territories where it operates.



*Main results of 2019 (in approximate values)



[Territorial Performance] Cooperation and Social Dialogue



The Vale Foundation seeks to develop structuring projects that strengthen national and local public policies. To maximize the results of this action, it promotes collaboration between companies, government and civil society, joining efforts, resources and expertise in favour of the sustainable development of the territory. We have a network of partners that has been expanding every year. In addition to Vale, the government and communities, this network includes institutional partners, investors and partners specializing in implementing social methodologies such as associations, non-governmental organizations (NGOs), civil society organizations (OCs) and civil society organizations of public interest (OCIPs).

In the search for a lasting positive legacy, we set a high priority on community participation. The intention is to foster the exchange of knowledge, dialogue and mutual growth, as well as to encourage communities to use social technologies and the assets made available by projects to continue the initiatives independently.

“ **Wheaton greatly values our partnership with the Vale Foundation.**

Together, we have provided sustainable benefits to the communities near the Salobo Mine (located in Marabá City, in Pará State) by supporting initiatives that focus on health, education, community engagement and entrepreneurial resources. This is important to Wheaton as we believe the mining industry, including streaming companies, should have a positive impact on the communities where we operate."

Wheaton Precious Metals,
investing partner of the Vale Foundation since 2015



A new edition of the Vale Foundation's Social Entrepreneurship Fair was held on December 5 and 6, 2019 with the support of the Getulio Vargas Foundation (FGV). About 20 businesses participated, supported by the Vale Foundation in five Brazilian states, selling a mix of products and services including handicrafts, clothes made by a cooperative in a favela in Serra (Belo Horizonte City, Minas Gerais State), pots and spices. The fair also featured presentations by young musicians from the Vale Música Program, promoting an exchange between Vale's socio-cultural initiatives.

Since 2014, Vale Foundation has supported nearly 1,300 entrepreneurs and approximately 90 social businesses through work and income generation initiatives such as the Income Generation and Increase Support Program (AGIR) and the "Community Social Entrepreneurship Program (PESC)".



[Panorama]

Support for the structuring of the State Human Milk Bank of the HU-UFMA

Support to improve the Neonatal ICU at the HU-UFMA

Healthy Home

Vale Maranhão Cultural Center

Health Cycle

Health Caregivers

Practical Integral Education

Youth and Adult Education – Literature in Literacy

Arari Knowledge Station

Health Station

Entrepreneur Fund

Permaculture at the Arari Knowledge Station

Maranhão Literacy Project

Community Social Entrepreneurship Program - PESC

Arari Knowledge Station Pedagogical Policy Project

Maranhão Women’s Network

Literary Routes and Networks

Nutritional Surveillance

Income Generation and Increase Support Program - AGIR

Canaã dos Carajás House of Culture

Health Cycle

Educating City - Urban Mobility and Traffic Safety

Youth and Adult Education - Didactic Paths

Marabá and Tucumã Knowledge Stations

Dairy Station

Entrepreneur Fund

Incubation of the Canaã dos Carajás Economic and Social Development Agency

Young Protagonists

Sustainable Dairy Cattle

Family Agriculture Support Projects

Canaã dos Carajás Economic Dynamism Program

Community Social Entrepreneurship Program - PESC

Maranhão Women’s Network

Literary Routes and Networks

Nutritional Surveillance

Income Generation and Increase Support Program - AGIR

Health Cycle

Formative Contents to Support Public Management

“Recognize” Request for Proposal 2019

Inclusive Education

Early Childhood Education

Brumadinho Knowledge Station

Entrepreneur Fund

Young Protagonists

Memorial Minas Gerais Vale

Community Social Entrepreneurship Program - PESC

Health Cycle

“Recognize” Request for Proposal 2019

Inclusive Education

Early Childhood Education

Practical Integral Education

Serra Knowledge Station

Geosciences

Youth Impulse

Young Health Builders

Vale Museum

Community Social Entrepreneurship Program - PESC -

Growing Without Violence

Income Generation and Increase Support Program - AGIR

Deodoro Training Center

Growing Without Violence

Inclusive Education

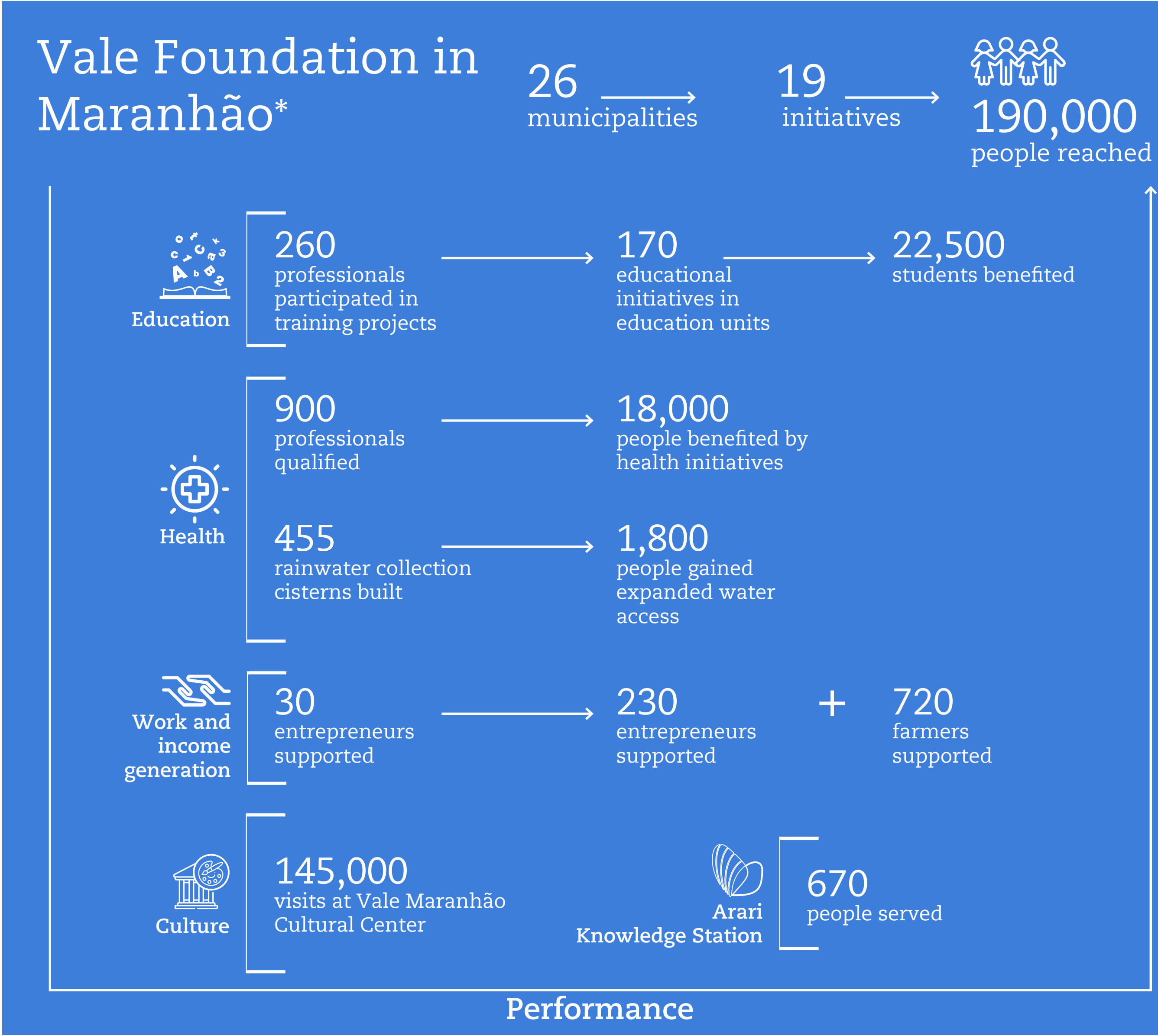
Literary Routes and Networks

[Maranhão]



The production of iron ore and other products from Vale arrives at the Ponta da Madeira Maritime Terminal (PMMT), Vale's port in São Luís, along the tracks of the Carajás Railroad (EFC). Inaugurated in 1985, CR transports cargo and passenger through 27 municipalities in the States of Maranhão and Pará. In many locations, CR is the only means of transport for the more than 1,000 passengers who use the train daily. In Maranhão State, in 2019, Vale Foundation implemented social programs and projects throughout the CR to help with education and to promote health and social businesses. It was also in charge of managing the Vale Maranhão Cultural Center and the Arari Knowledge Station.

- **Support for the structuring of the State Human Milk Bank of the HU-UFMA**
Açailândia/Alto Alegre do Pindaré/Bom Jesus das Selvas/Buriticupu/Santa Rita/São Luís
- Support to improve the Neonatal ICU at the HU-UFMA**
Açailândia/Barreirinhas/Buriticupu/Imperatriz/Rosário/Santa Inês/São Luís
- Healthy Home**
Arari/Alto Alegre do Pindaré/Anajatuba/Buriticupu/Itapecuru Mirim
- Vale Maranhão Cultural Center**
São Luís
- Health Cycle**
São Luís
- Health Caregivers**
Anajatuba/Itapecuru Mirim /Santa Rita
- Practical Integral Education**
Arari
- Youth and Adult Education – Literature in Literacy**
São Luís
- Arari Knowledge Station**
- Health Station**
Açailândia/Alto Alegre do Pindaré/Arari/Buriticupu /Bom Jesus das Selvas/Santa Inês/São Pedro da Água Branca/São Luís/ Vitória do Mearim
- Entrepreneur Fund**
Alto Alegre do Pindaré/Arari/Bom Jesus das Selvas/Buriticupu/Vitória do Mearim
- Permaculture at the Arari Knowledge Station**
- Maranhão Literacy Project**
Arari/Bacabeira/São Luís
- Community Social Entrepreneurship Program - PESC**
Igarapé do Meio/Itapecuru Mirim/Santa Rita
- Arari Knowledge Station Pedagogical Policy Project**
- Maranhão Women’s Network**
Alto Alegre do Pindaré/Arari/Bacabeira/Bom Jardim/Bom Jesus das Selvas/Buriticupu/Itapecuru Mirim/Marabá/Tuflândia/Vitória do Mearim
- Literary Routes and Networks**
Arari/Bacabeira/Santa Rita/São Luís
- Nutritional Surveillance**
Açailândia/Anajatuba/Arari/Bacabeira/Bom Jardim/Cidelândia/Igarapé do Meio/Imperatriz/Itapecuru Mirim/Itinga do Maranhão/Miranda do Norte/Monção/Pindaré-Mirim/Santa Inês/São Francisco do Brejão/São Luís/São Pedro da Água Branca/Tuflândia/Vila Nova dos Martírios/Vitória do Mearim



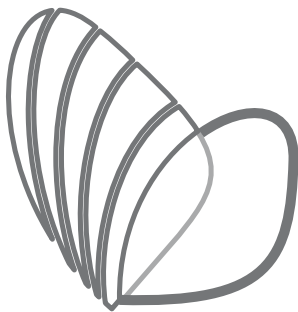
*Main results of 2019 (in approximate values)

Arari

With about 30,000 inhabitants, the municipality of Arari is diverse in its multiple artistic, cultural and craft expressions. However, it also presents significant levels of illiteracy, child labour and sexual exploitation. The Vale Foundation seeks to contribute to a positive change in the municipality, collaborating with the local population and integrates areas of education, health, job and income generation, and the Arari Knowledge Station.

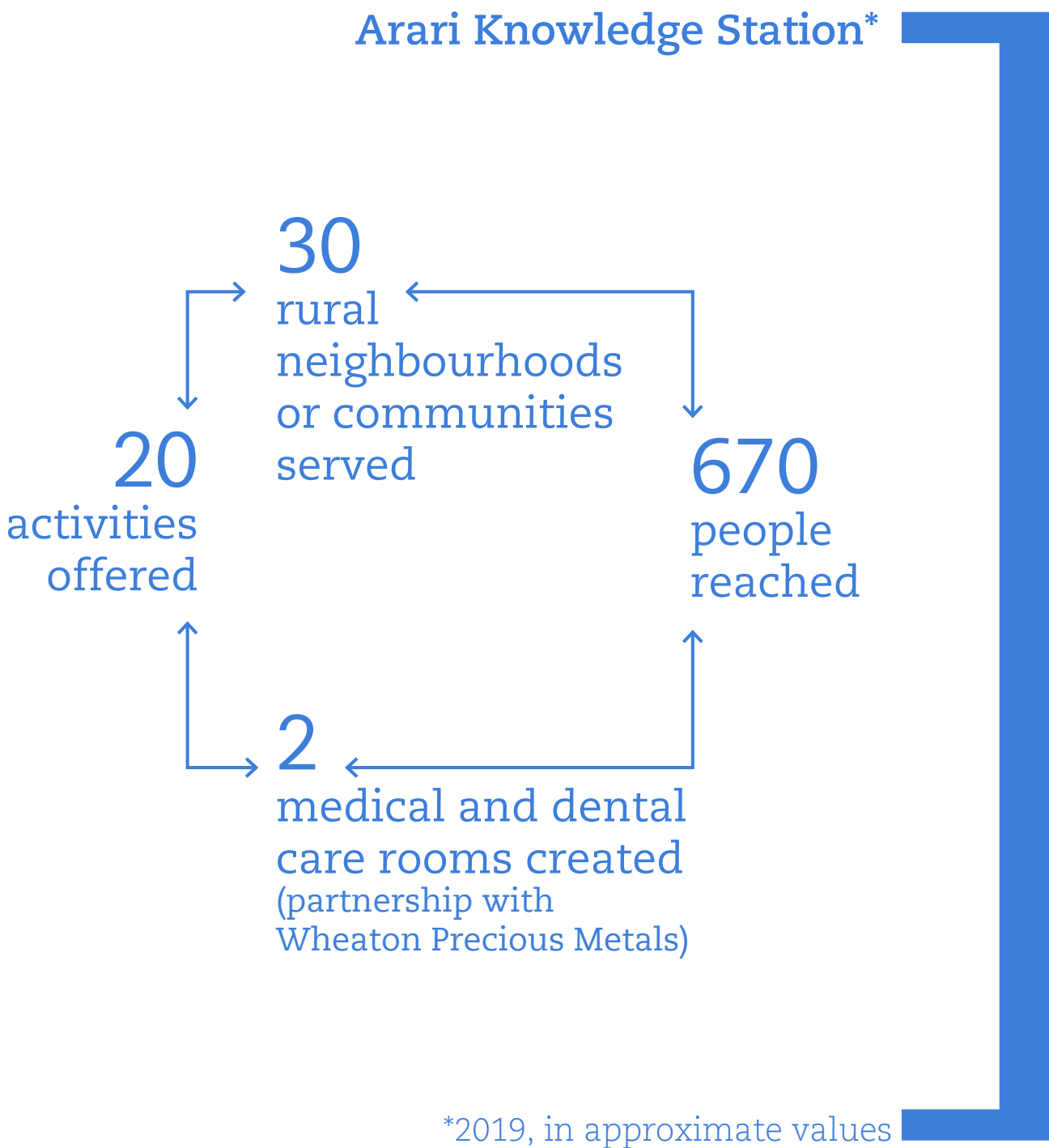


14,800
people reached
= 50%
of the local population



Arari Knowledge Station

At Arari Knowledge Station, children and adolescents participate in the school day in socio-educational and cultural activities such as computers, languages, music, dance and capoeira, and sports, including football, athletics and swimming. Implemented in 2011, the Knowledge Station maintains a multidisciplinary team to provide nutritional, psychological and social guidance to children and adolescents, as well as the Family Service Group (FSG), which addresses issues related to education, inside and outside the classroom. Arari Knowledge Station creates a network of possibilities for children and adolescents in the community, fostering autonomy and responsibility. By showing that there are spaces that can be occupied by children and adolescents within society, the Knowledge Station works to develop social consciousness and citizenship – notions that will last for a lifetime.



Pedagogical Policy Project

In 2018, Arari Knowledge Station completed its Political Pedagogical Project (PPP), the educational proposal that guided the socio-educational activities throughout 2019 and will continue to do so for the next years. The new PPP revises pedagogical concepts and practices and reflects on the importance of networking, considering the activities of children and adolescents who attend the unit in municipal schools within the context of comprehensive education at a time when public schools are also reviewing their PPPs. This was a pioneering experience, a project prepared by the local team together with specialists from the Vale Foundation and could serve as a basis for implementation in other Knowledge Stations. The PPP is dynamic, designed in a network, with the cooperation and participation of the entire local team, including teachers, managers and professionals who work in all other areas. It will always be updated with the implementation of new projects and actions.

[Testimonials]



Pedro Carlos Verde Filho

Director of Arari Knowledge Station

“ In Arari, the Knowledge Station has been gaining awareness over time. We create activities tailored to the region where it is located. Vale Foundation has a unique understanding of the concept of integral education – the space is one more device in the development of Arari's children and adolescents. Through the creation of many touch-points, we make interactions with families and schools, giving advocacy and power to children, adolescents and families. The Knowledge Station supports the potential of community stakeholders to create a management model. The big difference is the three-way framework formed by democratic management, customized activities and projects, and a support network built and consolidated with public authorities and other organizations. When recognizing the city's social problems and opportunities, we call on the institutions to look together at the context and think about actions in partnership.”



Swimming class at the Arari Knowledge Station



Vera Lúcia Lima

Community health agent, mother of Rebeca, 6 years old, participant in Arari Knowledge Station

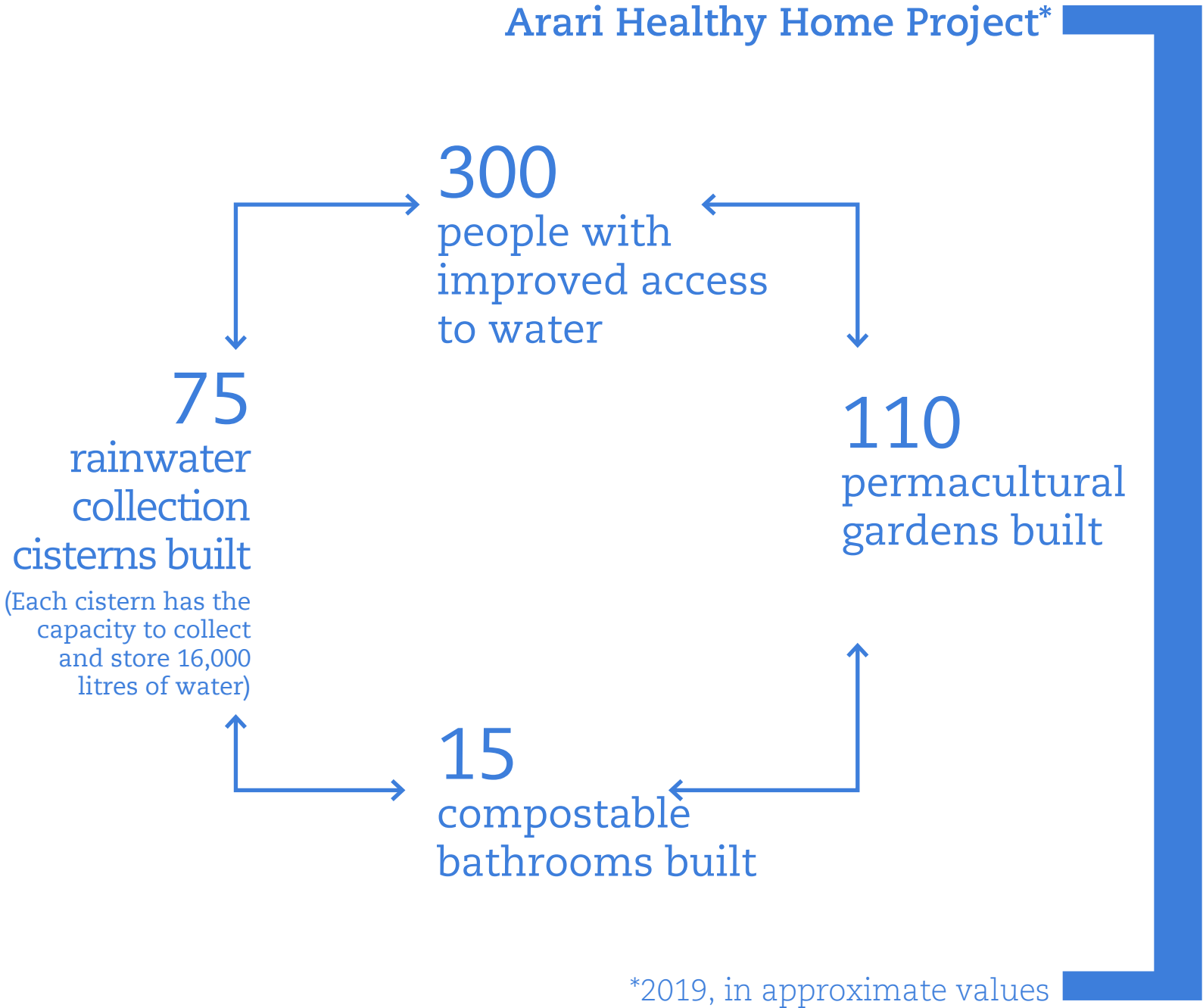
“ The Knowledge Station positively impacted the lives of my family and, especially, my daughter. Today she follows a routine inside the Knowledge Station, which is a differentiated educational space. It was there that she managed to develop socially and intellectually. The Knowledge Station goes beyond reading and writing. It discovers and develops the potential of each child. It offers various sports, culture and leisure activities and that made a difference in my daughter's life, because she does not want to go to school just to learn to read and write. She wants to play, have fun, play sports, and socialize with friends. Our reality, within communities, does not allow this. Today, she is a very resourceful person, thanks to the Knowledge Station. It is a second family for my daughter.”



The Healthy Home Program offers education focused on healthy self-care and contributes to the implementation of social technologies related to access to sanitary facilities, sources of drinking water and food for families in situations of social vulnerability. The technologies involved are simple and easy to replicate, like a compostable dry toilet, a cistern to collect rainwater and a family garden based on permaculture. Construction is carried out by residents of the communities, after participating in theoretical and practical workshops conducted by social educators.

Healthy Home was implemented in 2013 by the Vale Foundation, co-financed with funds from BNDES and Instituto Social Sotreq. Between 2013 and 2019, 1,400 families from 19 municipalities received the program, thus gaining expanded access to water. In 2019, in addition to Arari city, Healthy Home was present in Alto Alegre do Pindaré city, Anajatuba city, Buriticupu city and Itapecuru Mirim city.

- Benefits beyond self-care
- Community mobilization
 - Communities can engage in exchange fairs with the surplus that is produced in the gardens
 - Practical work experience
 - Improvement in the relationship between families in the community
 - Interest in agro-ecological systems, with a consequent decrease in the use of pesticides
 - Sense of belonging and community collaboration leading to pride in their home and community



[Testimonial]



Maria do Espírito Santo

Social Educator of the Healthy Home Project

“Until I joined the Social Educators group as a volunteer, I had no work. Our municipality is very humble and all the communities served by the project need more information on health and well-being. For three weeks in March 2019, I took part in a training course and then became a Social Educator. Our job is to encourage the 37 families in the community to have a healthier life with better hygiene and food conditions. We share knowledge, how to clean the water filter and set up a vegetable garden. Every week, myself and the other three social educators do the monitoring. The cistern is extremely important because during the summer the drought is very long. In this coronavirus period, we move from house to house visiting those who are not participating in the Bolsa Família program. We help with the registration of Emergency Aid as many people do not have internet or do not know how to read. Healthy Home changed my life because, in addition to an occupation, it gave me an understanding of how to help people. I didn't know many things until the project arrived here: how to have a healthy life with more hygiene while taking care of nature. We came to understand that even a leaf is not garbage, it is fertilizer. It is very beautiful to see this change. Each family has its own garden and we share and exchange seedlings.”

ABC

Maranhão Literacy Project

The Vale Foundation supports childrens’ literacy and the right to learn from the first years of school life. Being included in the literate culture expands the citizens’ ability to participate and contributes to reducing educational inequalities. In 2019, the Vale Foundation started long-term work in Maranhão State to help strengthen public education policies and to support the literacy process of more than 164,000 students up to eight years of age.

The initiative focuses on strengthening management in education, by supporting collaboration between the state and municipalities in Maranhão. The work is being carried out at the state and municipal levels, facilitated by the education departments, and includes assistance in the implementation of diagnostic assessments to verify the impact of the initiative and monitor for education networks.

The project started with three pilot cities, Arari, São Luís and Bacabeira, and will expand to another 20 municipalities in Maranhão. The initiative trains school managers, pedagogical coordinators and educators from the last year of early childhood education until the second year of elementary education, and contributes to consolidating the literacy process of children at the age considered appropriate, within the legal frameworks of education. Projects to promote books and reading in elementary and high school will also be carried out, including the donation of literary collections to schools.

Goals

- Reach more than 164,000 students
- Reach 2,000 municipal and state schools
- Qualify 12,000 more educators in municipal and state networks



[Testimonial]



Maria de Jesus Gaspar Leite

Assistant Secretary of Education,
Municipal Department of
Education of São Luís

“The partnership works because we have always advocated for education – the process of literacy in early childhood education must be done correctly in the transition to elementary school. This process should be conducted in a calm manner, so as not to generate emotional problems or insecurities in children. It is essential that children are welcomed when they reach elementary school and that they have a peaceful learning experience.”

Training activities with educators during the Maranhão Literacy Project



Mother and her newborn baby supported by the HU-UFMA health professionals

Partnership with the University Hospital of the Federal University of Maranhão State (HU-UFMA)

In 2019, the Vale Foundation, in partnership with the Josué Montello Foundation and with BNDES' resources, supported the improvement of the Neonatal Intensive Care Unit (ICU) and the Human Milk Bank of the University Hospital at the Federal University of Maranhão State (HU-UFMA) by donating equipment and training health professionals. [Watch the video](#) about the projects that are contributing to reduced infant mortality in Maranhão State, which has the highest maternal and neonatal mortality rates in Brazil, according to the Brazil Institute of Geography and Statistics (IBGE in Portuguese) data.

In Maranhão State, for every 1,000 births, 20 babies die before completing their first year of life. This is the highest infant mortality rate in the country, according to IBGE. The rate is higher than the national average, which is 12.4 per 1,000 live births.



Neonatal ICU

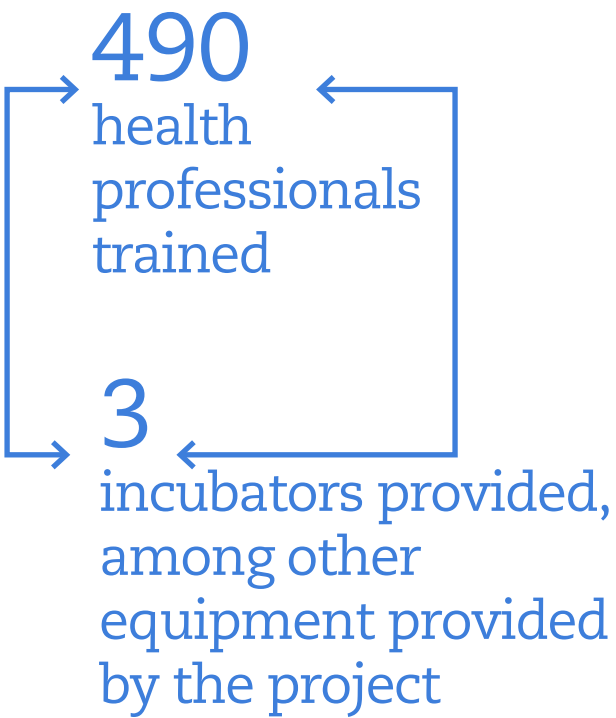
This project acquired new equipment, which guarantees the qualification of care provided to newborns, and trained health professionals from 7 municipalities in Maranhão in medical procedures for neonatal emergencies, such as resuscitation and rescue and intermunicipal patient transport. Professionals will act as multipliers of care techniques.



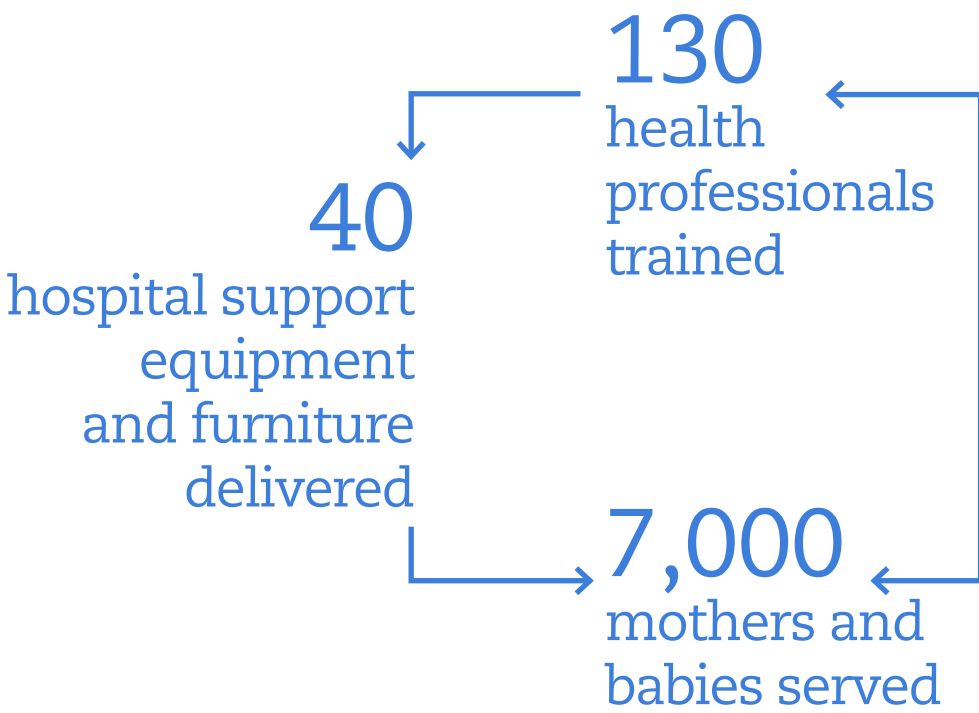
Human Milk Bank

The Human Milk Bank is a public initiative used to reduce infant mortality caused by early weaning. The Bank is a centre for the protection, promotion and support of breastfeeding, responsible for carrying out the activities of collection, processing and quality control of milk produced in the first days after delivery (colostrum), transition milk and mature human milk, for later distribution. The project to support the structuring of the centre included the acquisition of equipment (digital resources, furniture, assessment and monitoring instruments, among others), and the training of health professionals, contributing to improving the quality of care for newborns.

Improvement of the Neonatal ICU*



Structuring of the Human Milk Bank*



*2019, in approximate values

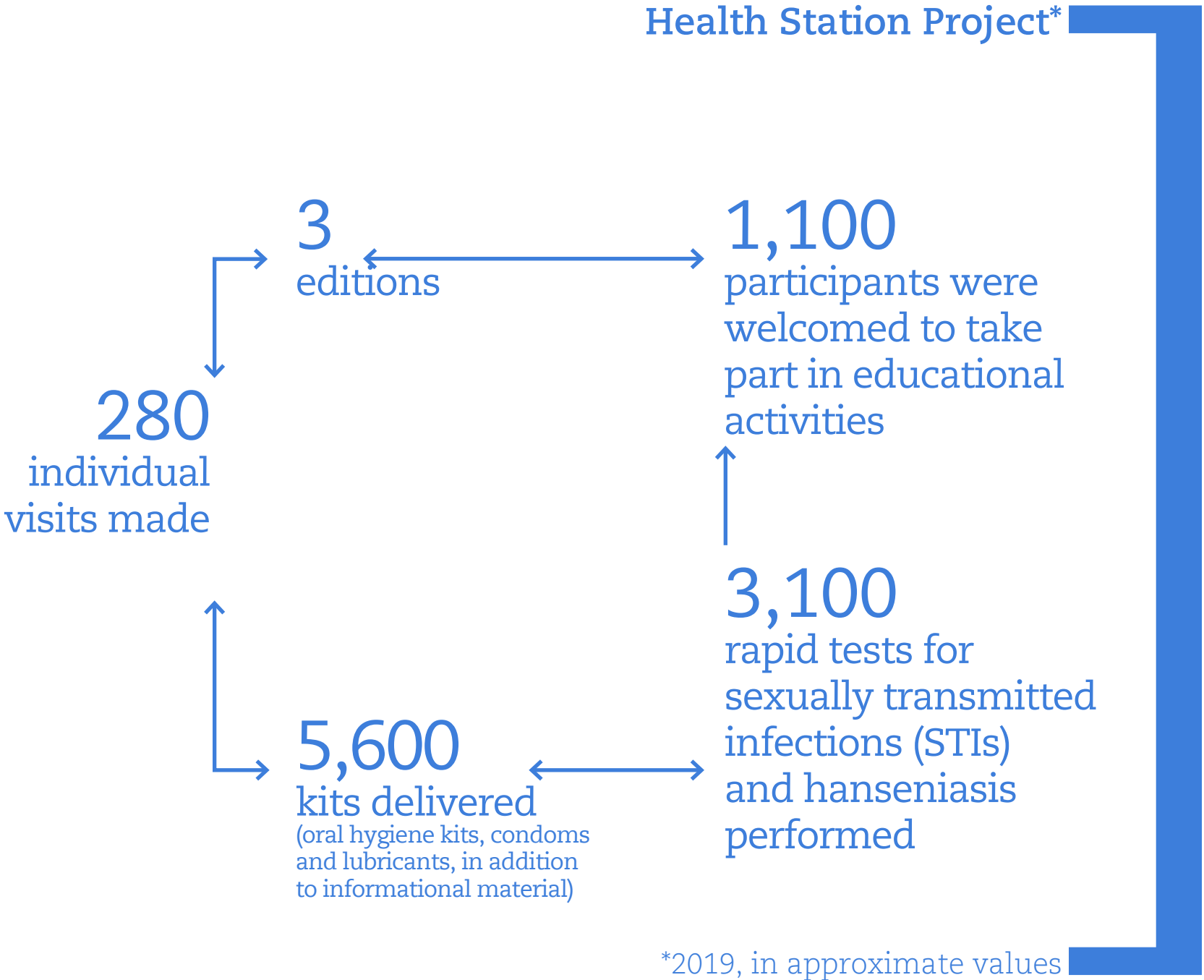


Health Station

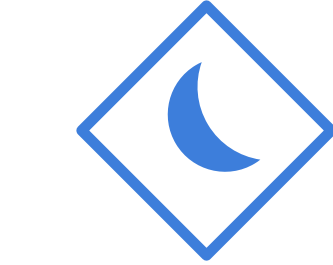
For six years, the Vale Foundation, through the Health Station, carries out health educational actions in the Social Car of the Carajás Railroad Passenger Train (CR) on the stretch between São Luís City and Açailândia City, in Maranhão State, visited by more than a thousand people daily. The project was born from the opportunity to transform the car, together with the government, into a temporary health unit, reaching out to possible patients and disseminating prevention information, thus strengthening Maranhão's Primary Care. Since 2014, the Health Station has been implemented 14 times.

Fighting hanseniasis

Despite having accessible diagnosis and treatment, hanseniasis is still a stigmatized disease worldwide, in Brazil and, especially, in Maranhão State, where it is endemic. Given this scenario, the Health Station joined the State Health Department of Maranhão State and the Municipal Health Department of São Luis to focus on fighting the disease. For two days in October 2019, passengers received information on identifying symptoms, prevention, treatment locations, and the importance of self-examination. Clinical tests and referrals were also carried out by the team from the State Reference Center. The action against hanseniasis was reinforced by an awareness and mobilization campaign for young people in Itaqui Bacanga, in São Luís. Also in 2019, two other implementations of the Health Station were held, dedicated to men's and women's health, mental health and the prevention of alcohol and drug abuse.



The train leaves São Luís at 7:00 am and arrives in Açailândia in the early evening, giving the population basic guidelines to encourage self-care to promote health and to take available tests and exams.





Passenger of the EFC train is attended by health professional during a Health Station edition

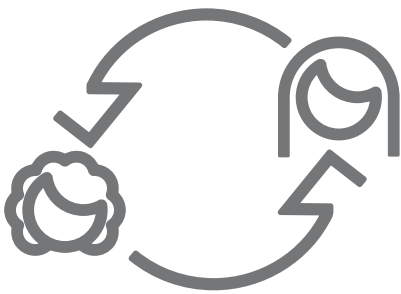
[Testimonial]



Raimunda Mendonça

Coordinator of the State Program for the Control of Hanseniasis, of the Health Department of Maranhão State

“ Although hanseniasis is well known, the stigma remains, because it is a dermatological and neurological disease that, when not properly treated, alters the sensitivity and muscle strength of the hands, feet, legs, face, eyes and eyelids. The injuries are stigmatized because the deformities generate disability. As the lesions become visible, they end up compromising the quality of life of those who suffer from the disease. Hanseniasis exists in the popular imagination as a subject of great prejudice. The partnership with the Vale Foundation was essential to reinforce work to fight this stigma and bring information to the population of the State of Maranhão, who has suffered from this problem for some time.”



Maranhão Women’s Network

Maranhão Women’s Network (RMM in Portuguese) was formed by more than 150 entrepreneurs, most of whom are women, who have found their source of income in collective work. The social businesses that make up RMM, located in communities around the Carajás Railroad (EFC), take place in different sectors, such as the manufacturing of candies, bread and clothes, babassu and cashew nut processing, and vegetable and legume cultivation, among others.

The initiative impacts local development, contributing to improved quality of life for women and their families through qualified work and self-management, which increases their financial return – in 2019, the group experienced, on average, an income increase of about 230%. In addition to strengthening female advocacy, RMM favours opportunities for income generation in a socio-economically vulnerable territory.

Since 2017, the Vale Foundation has supported more than 20 coconut breakers’ businesses/centres, creating income generation opportunities for more than 200 entrepreneurs from 11 municipalities: Alto Alegre do Pindaré, Arari , Bacabeira, Bom Jardim, Bom Jesus das Selvas, Buriticupu, Itapecuru Mirim, Marabá, São Pedro da Água Branca, Tufilândia, Vitória do Mearim.

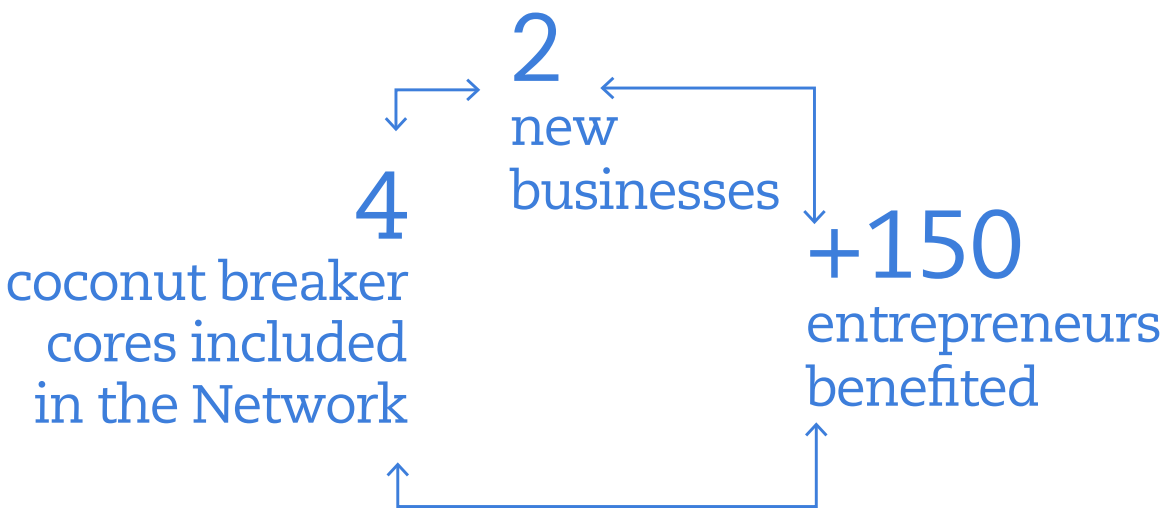
Origin:
AGIR EFC

In 2015, the new, more modern and safer train came into circulation. With the windows of the train sealed due to air conditioning, street vendors lost access to buyers inside the train. To provide alternative work and income to these salespeople – and to improve the quality of life and working conditions – the Income Generation and Increase Support Program (AGIR in Portuguese) was created. The initiative incubated and accelerated the ventures that gave rise to the Maranhão Women’s Network. With workshops and network consultancies, women are strengthened and cared for, knowledge about management and production is exchanged, the women organize themselves to collectively sell products and to jointly purchase supplies.

The Boa Vista Factory, for example, was the first to receive the organic certification seal for their olive oil and babassu coconut oil so it could to sell its products on the market. The seal adds value to the products, brings visibility and strengthens the adoption of sustainable practices in babassu management.

Today, RMM products are sold at commercial enterprises in Maranhão, in other states of Brazil, over the internet and in the Social Car – a space where products are sold and promoted to train passengers.

The Maranhão Women’s Network Project *



*2019, in approximate values

The tradition of Coconut Breakers in Maranhão State

Video

Watch the RMM Coconut Breakers video. The coconut breakers are part of a group of Brazilian ethnic identities recognized as traditional communities. Babassu extractivism is a productive activity that has been practiced for generations by coconut breakers from the State of Maranhão. From babassu, they extract raw material to produce oil, mesocarp flour, charcoal, handicrafts, soaps and food for their families.

[Testimonials]



Raimunda Andrade Silva (Dona Mundica)

Member of Mulheres Mão de Fibra (Serra Hands, Tufilândia), a project that was incubated in 2019 by RMM

“The Vale Foundation believed in us and taught us to work, being able to grow individually. With the workshops and training, I am a much more confident person today. The Network is essential for the exchange of knowledge and solidarity between women.”



Maria Antônia Neves (Tuquinha)

Coconut breaker, from the city of Vitória do Mearim

“I've been breaking coconut since I was 15 to help my mother. There are four decades of struggle in this work. For us coconut breakers, it was very good to join RMM. Our work gained more visibility and we started to learn the entire cycle of the process. It is now easier to market our products and work together.”

Entrepreneurs and members of the RMM during a training meeting



Photo credit: Matraca Filmes/Caio Cesar

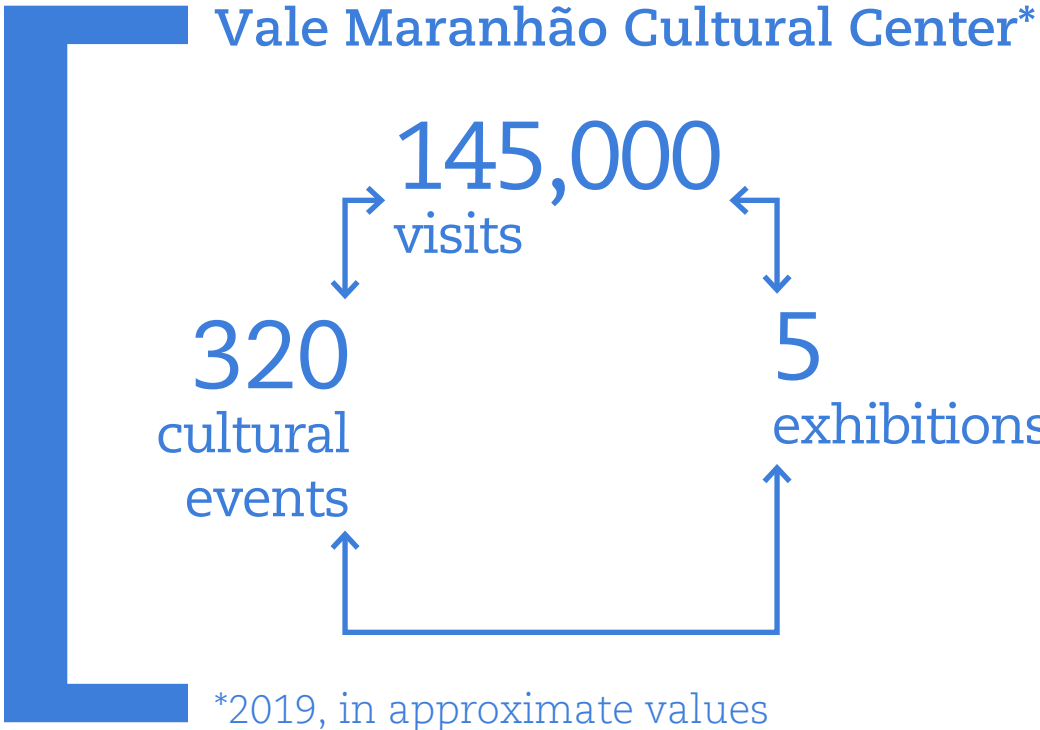


Vale Maranhão Cultural Center

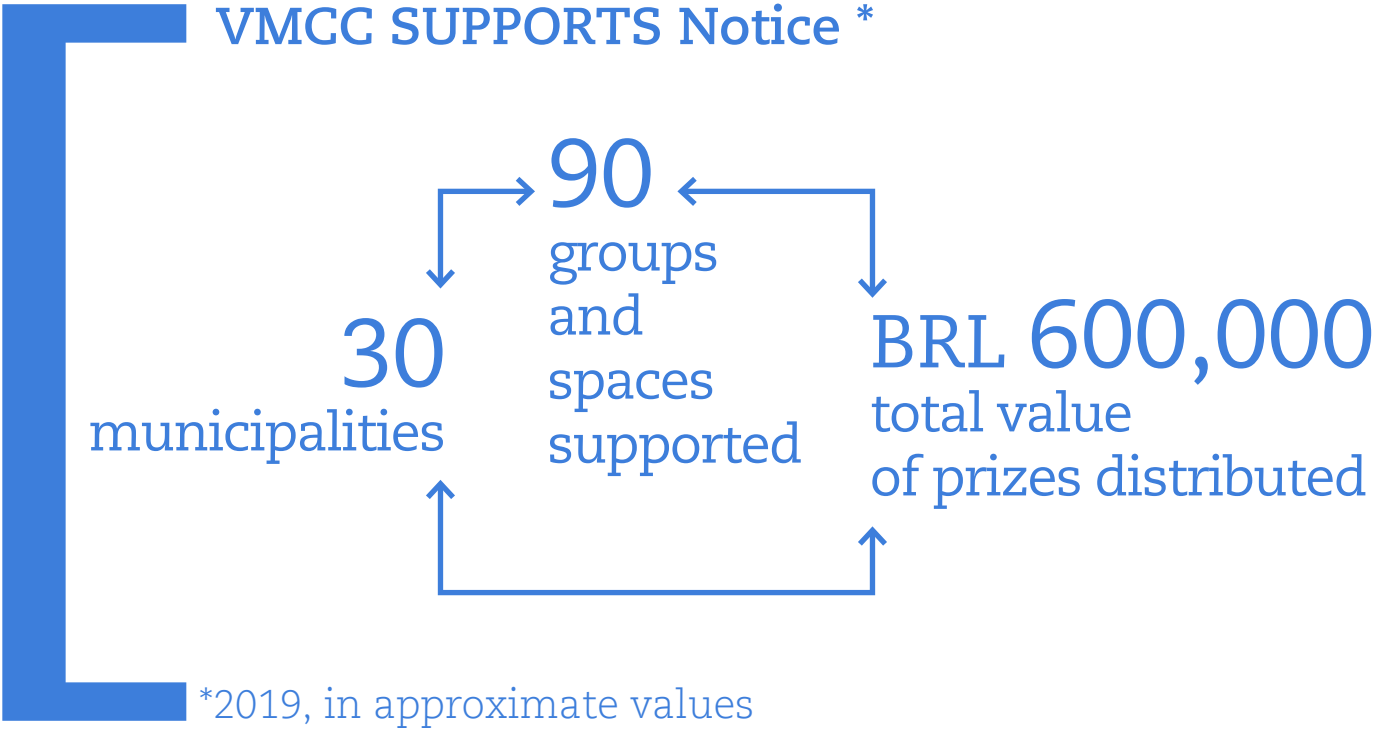
The Vale Maranhão Cultural Center (VMCC) aims to contribute to provide access to culture and preserve Brazilian cultural heritage, to give visibility to and boost regional culture and to strengthen local agents to open new opportunities for artists, creators and producers of cultural work. The centre operates in the historic centre of São Luís, in a mansion previously occupied by the Liceu Maranhense, one of the first public high schools in Brazil, which was known as the Palace of Culture. The historic cultural centre preserves a set of buildings from the colonial era lined with Portuguese tiles, and is recognized by the United Nations Educational, Scientific and Cultural Organization (UNESCO) as a significant site of the world’s cultural heritage. The VMCC opened in 2012, after the completion of works to restore the house, which were sponsored by Vale. In 2017, its facilities were reopened, with new architecture, design and curation.



Members from Tambor de Crioula Raízes Africanas, one of the groups supported by VMCC SUPPORTS



The VMCC SUPPORTS Notice was created to support popular culture groups that preserve Maranhão's cultural heritage and/or promote artistic training, in addition to cultural spaces that work to democratize access to culture. Those selected received financial support to purchase clothing, equipment or musical instruments. Among the beneficiaries are groups of Bumba Meu Boi, Tambor de Crioula, Escola de Samba, Turma de Batucada, Bloco Afro, Capoeira, Cacuriá, Dança do Caroço, Coco, Dança Portuguesa, Festejo do Divino, Reisado, Junina, Dança da Mangaba, and Pela Porco, in addition to six martial bands and ten cultural spaces.

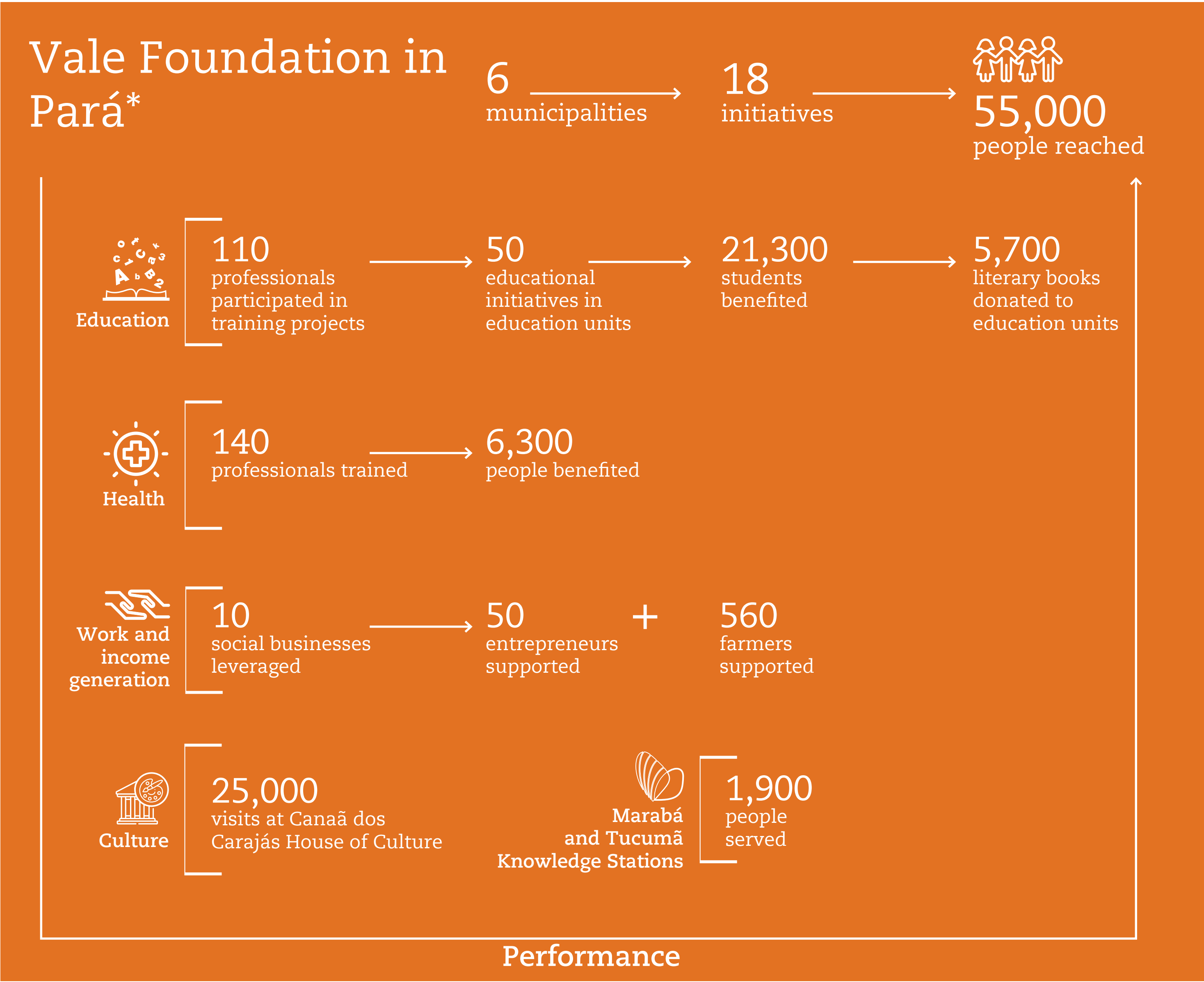


[Pará]



Over more than three decades of mining activities in the state, Vale maintains iron ore, copper and nickel operations and projects here. The Vale Foundation has worked to contribute to the socio-economic development of the Pará municipalities where Vale is present: in 2019, it developed projects in the cities of Canaã dos Carajás, Curionópolis, Eldorado dos Carajás, Marabá, Parauapebas and Tucumã.

- AGIR**
Canaã dos Carajás
- Canaã dos Carajás House of Culture**
- Health Cycle**
Canaã dos Carajás
- Educating City - Urban Mobility and Traffic Safety**
Canaã dos Carajás
- Youth and Adult Education - Didactic Paths**
Canaã dos Carajás
- Marabá and Tucumã Knowledge Stations**
- Dairy Station**
Parauapebas
- Entrepreneur Fund**
Canaã dos Carajás e Marabá
- Incubation of the Canaã dos Carajás Economic and Social Development Agency**
- Young Protagonists**
Canaã dos Carajás
- Sustainable Dairy Cattle**
Parauapebas
- Family Agriculture Support Projects**
Parauapebas
- Canaã dos Carajás Economic Dynamism Program**
- Community Social Entrepreneurship Program - PESC**
Marabá
- Maranhão Women’s Network**
Marabá
- Literary Routes and Networks**
Canaã dos Carajás
- Nutritional Surveillance**
Canaã dos Carajás/Curionópolis/Eldorado dos Carajás/ Marabá/Parauapebas



*Main results of 2019 (in approximate values)



Health
Cycle

Health Cycle aims to train professionals from the Family Health Strategy teams who work in Basic Health Units. Its main objective is to help improve the technical working conditions of these professionals, strengthen their performance within the community and contribute to expanding the effectiveness of the service offered at service stations.

As of 2017, the management of the municipality of Canaã dos Carajás analyzed the users’ access difficulties and made the decision to reorganize the basic network, aiming to guarantee the acceptance of spontaneous demand and expand access to the city's health system by residents.

The Health Cycle project worked alongside the Municipal Health Department during the entire reorganization process of the municipality's Primary Care Network to create a new Municipal Reception Protocol for spontaneous demand. This occurred through a participatory model involving professionals and the community. Support was provided mainly through training workshops for employees in the area and construction of this protocol.

Since then, the project has followed the important changes that the Municipal Health Department has implemented, which indicated a significant impact on access and strengthening of primary care in the city of Canaã dos Carajás, which now has extended service hours in the Basic Health Units and has implemented the integrated electronic medical record.



Health professional during training workshop held in Canaã dos Carajás

What is
primary
health
care?

Primary Health Care is a public policy that is crucial to improving the population’s quality of life. It encompasses a person’s entire life cycle. Its purpose is to expand the population's access to the Unified Health System (SUS in Portuguese) and provide communities in need with preventive and health-promoting programs and top-quality hospital care. The Basic Health Units work in the community, looking for simple issues that, in the medium and long term, have the potential to turn into more severe problems and diseases requiring hospitalization and more complex health treatment.

Before the
project

45,000
patients served in 2017

After the
project

90,000
patients served in 2018

140
professionals were
mobilized and
participated in this
entire process to
implement the system

[Recognition]

In July 2019, the Reorganization of Primary Care, for implementing the Reception of Spontaneous Demand and the Integrated Electronic Health Record of the Citizen, received the award for Best Public Health Experience in Pará State by the Pan American Health Organization/World Health Organization (PAHO/WHO) and the National Council of Municipal Health Departments (Conasems). The experience was also awarded the third best in Brazil, which makes Canaã dos Carajás an important city in public health.

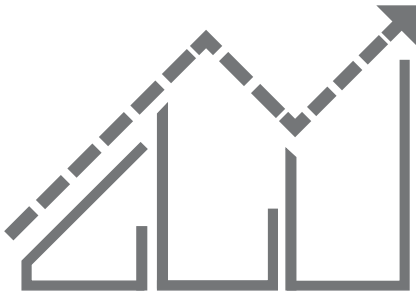
[Testimonial]



Eliana Pessoa
do Vale

Director of Health Care
Networks in the city of Canaã
dos Carajás

“ The award is the recognition of years of work and acknowledges that we are on the right path to building quality health for the municipality. Our partnership with Health Cycle has been increasingly rewarding and shows that good projects can be created and recognized.”

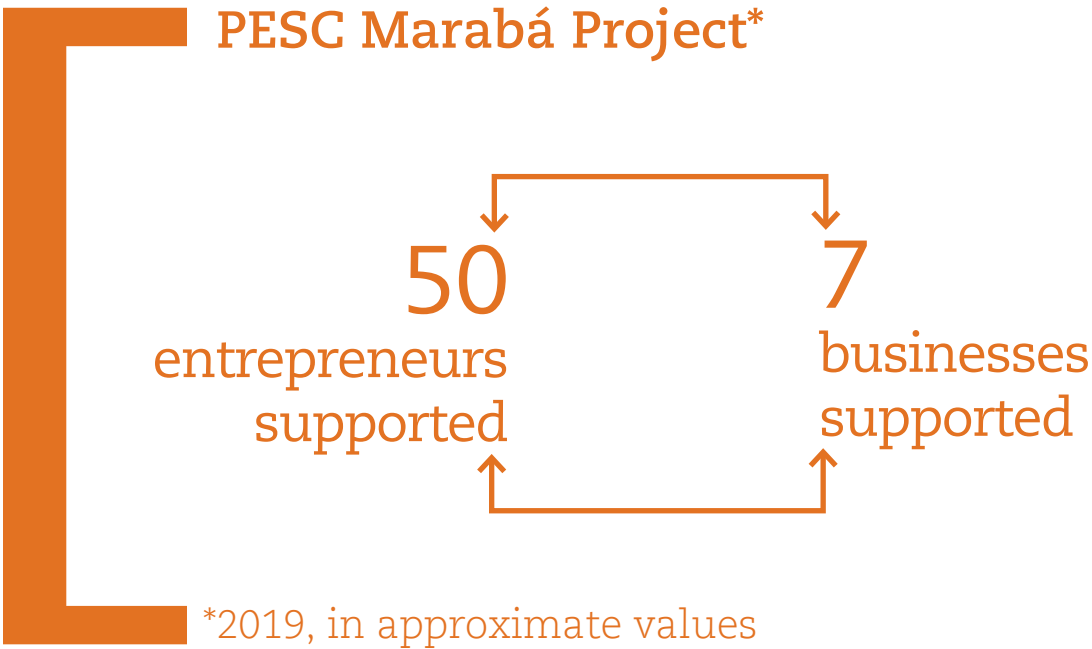


PESC

Community Social Entrepreneurship Program

Created in 2016, PESC is a methodology to support social businesses, developed in locations that have entrepreneurial potential. In addition to the incubation process, the initiative promotes actions such as Social Entrepreneurship Forums. These consist of training courses on entrepreneurship and integrated business management with communities, intensive business modeling courses and technical advice for selected businesses, and financial support for product prototyping and equipment acquisition.

PESC Marabá, initiated in 2019, gave women financial prominence – a third of whom never had their own income – so that these entrepreneurs could be financially independent.



Chita Chic group members meeting in Marabá

The Chita Chic Inspire group

Fashion with Stories

Formed by 13 women from the city of Marabá, the Chita Chic Inspire group was one of seven projects in the region selected, trained and supported by PESC. All participants lived in a socially vulnerable situation and had never had a professional occupation. When developing clothes and accessories made of calico, they began to experience financial independence and discover their own vocations.

[Testimonials]



Gilmara das Neves Alves

Administrator of the Chita Chic Inspire group

“ I work with women in situations of domestic vulnerability, through the Permanent Forum of Women in the city of Marabá. In recent years, we have seen that women remain in violent situations because of their lack of financial independence. When PESC invited me to be a leader, I spoke with these women and the response was positive. From there, we started to incubate the Chita Chic project. In April 2019, I started the business modeling course and passed on knowledge daily to the women in the group. In September 2019, we had our graduation. It was very exciting because, in the group there were women who never had an occupation. PESC gave them the possibility to not only lead a different life, but also generate collective income. And with the coronavirus crisis, we are producing calico masks to donate to the low-income population and health professionals in the municipality.”



Clarice de Sousa Paiva

Member of the Chita Chic group

“ PESC Marabá gave me perspective on life and gave me back my self-esteem. Through the project, I have had the opportunity to have a profession and generate my own income.”



Canaã dos Carajás House of Culture

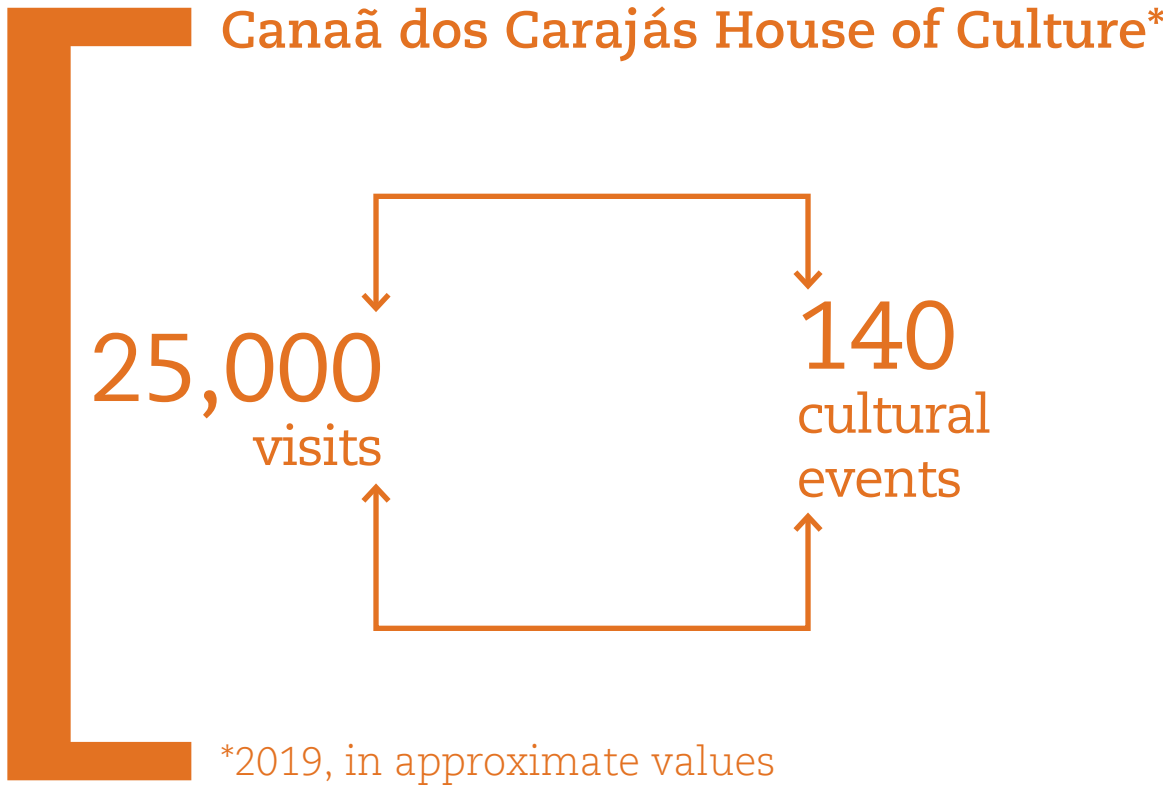
In Pará State, this space values culture and art as well as the cultural identity of the municipality of Canaã, which historically has had a constant migratory flow and a population formed by migrants from various parts of Brazil. Cultural and educational activities strengthen local art and culture and the municipality benefits from this diversity. The Canaã dos Carajás House of Culture houses a School of Music and Dance, and offers 640 places per year for mainly children and adolescents aged 3 to 18 years to take classes in classical ballet, guitar, recorder, choir, children's music, and traditional paraense percussion.



Residents of rural and peripheral areas gathered during the movie session

Cinema on the Street Project

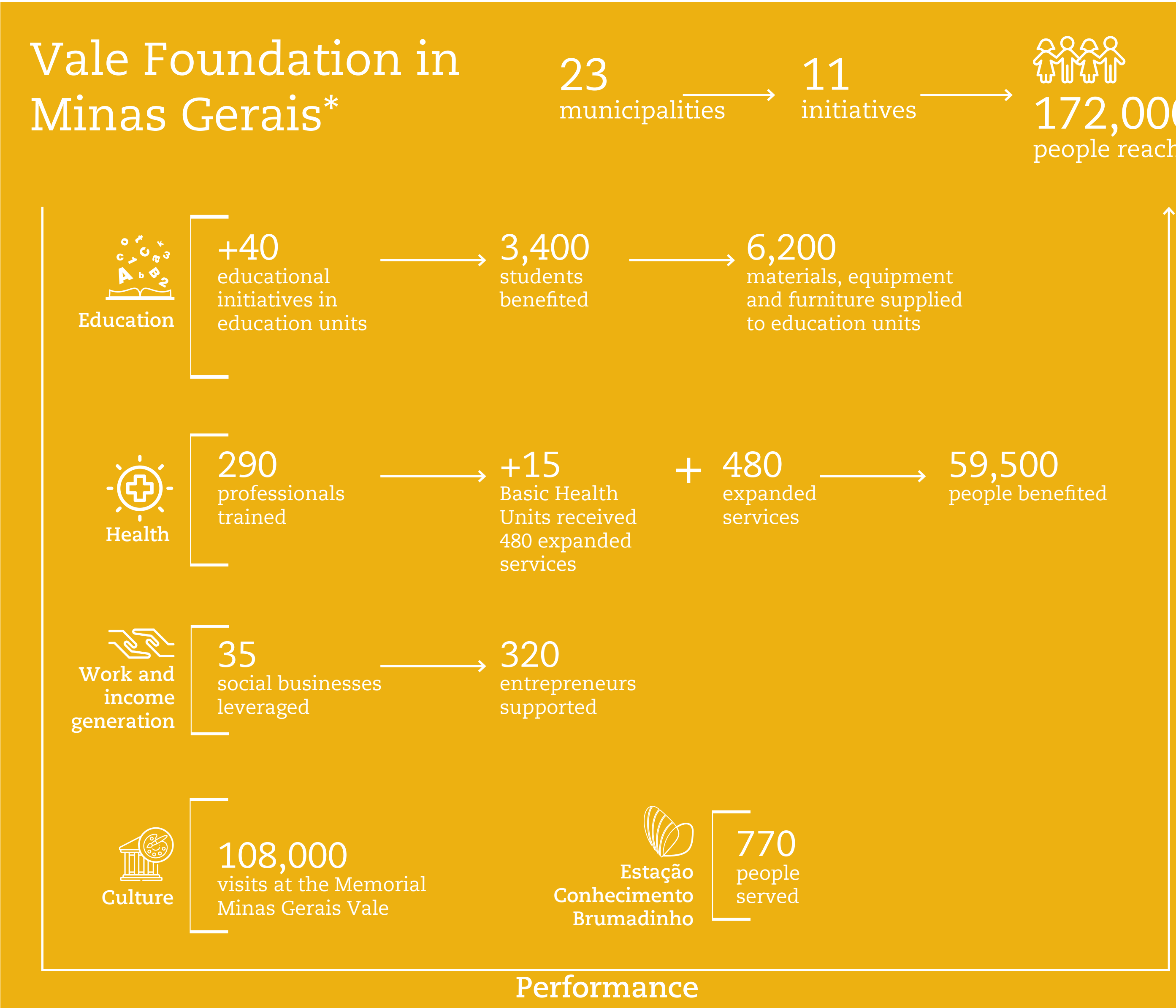
In October 2019, the Cinema on the Street project, a partnership between the Canaã dos Carajás House of Culture and the Municipal School Alexsandro Nunes, took films to rural areas and peripheral neighbourhoods of the municipality with a portable projection system. The City of Canaã dos Carajás does not have a movie theater – the closest is 70 kilometres from the municipality.





Vale currently operates six large mining complexes in the state, with activities in more than 20 mines. The region is responsible for supplying approximately 200 million tons of iron ore per year. This is equivalent to more than 60% of the annual production of the company's main product. Vale Foundation helps workers with job and income generation, education, and health in the mining territories in which Vale has a presence.

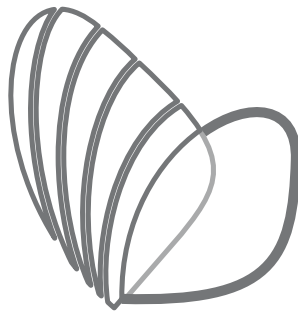
- AGIR**
Brumadinho/Governador Valadares/Itabira/Itabirito
- Health Cycle**
Aimorés/Belo Oriente/Belo Vale/Resplendor/Rio Acima
- Formative Contents to Support Public Management**
Belo Vale/Brumadinho/Congonhas/Itabira/Mariana/Nova Lima/Ouro Preto/Rio Piracicaba/Sabará/Santa Bárbara/Santa Luzia/São Gonçalo do Rio Abaixo
- “Recognize” Request for Proposal 2019**
- Inclusive Education**
Barão de Cocais/Catas Altas/Itabira/Rio Piracicaba/Santa Bárbara/São Gonçalo do Rio Abaixo
- Early Childhood Education**
Itabira
- Brumadinho Knowledge Station**
- Entrepreneur Fund**
Catás Altas/Mariana/Resplendor
- Young Protagonists**
Nova Lima
- Memorial Minas Gerais Vale**
Belo Horizonte
- Community Social Entrepreneurship Program - PESCE**
Barão de Cocais/Belo Horizonte/Itabira/Mariana/Periquito/Resplendor/Santa Bárbara/Tumiritinga



*Main results of 2019 (in approximate values)

Brumadinho

We will never forget Brumadinho. Aware that there are irreparable losses and of its responsibilities in the face of the tragedy following January 25, 2019, after the rupture of Dam I of the Córrego mine do Feijão, Vale has dedicated efforts for the repair of damage suffered by communities of Brumadinho city and Minas Gerais State. The company created the Special Repair and Development Department, aimed at performance in the social, environmental, construction and safety areas, and has the expertise and permanent partnership of Vale Foundation for social and territorial development. Initiatives of repair and development carried out by Vale are detailed at [vale.com/ accountability](#). In a humane and respectful way, the Foundation Vale also sought to facilitate, during the months following the breach of Dam I, psychological assistance, infrastructure and logistics to the community by Brumadinho. The Vale Foundation and its employees were present on several fronts, from welcoming those affected as to the support the Station Knowledge as the main point of emergency support.



Knowledge Station

Brumadinho Knowledge Station has been serving local communities since 2011. After the Dam I rupture, it became the main support centre among the seven Service Points (SPs) established by Vale. During the first three months of 2019, the Knowledge Station's regular activities were cancelled to accommodate volunteers and professionals such as doctors, nurses, psychologists and social workers, in addition to the Vale Foundation team. Open to the community, the Knowledge Station was one of the centres distributing water, food, hygiene products, medicines and other items of immediate need. The Station supported professionals who worked in the rescue operations and housed facilities such as identification lists of missing persons, referrals of homeless people, document issuance, and registration for families to receive donations, indemnities and emergency expenses.



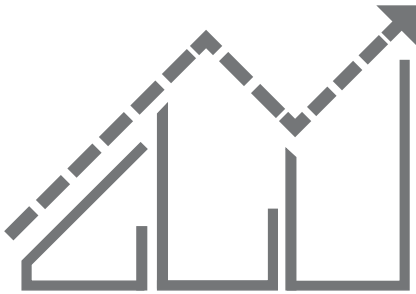
World Environment Day celebration at the Brumadinho Knowledge Station

Restart

In April 2019, Brumadinho Knowledge Station resumed its operations with two welcome reunions which were attended by 330 children and adolescents. Since then, about 20 activities have been offered to the 770 children and young people regularly served in the socio-educational space.

Sowing Hope

The Sowing Hope project is a partnership with Brumadinho Knowledge Station and Grupo Matizes Dumont dedicated to rehabilitative art. The initiative aims to support the people affected by the rupture of Dam I of the Córrego do Feijão Mine through the art of embroidery. The project started in August 2019 and had the participation of 44 women. In the workshops, participants were encouraged to share their experiences and, with needles and thread, explore their feelings through the transformative nature of art. In November, the Knowledge Station held an exhibition of the participants' embroidery.



PESC

Community Social Entrepreneurship Program

The Community Social Entrepreneurship Program (PESC) Periquito, created by Vale Foundation, aimed to generate income and foster professionalism in a group of 18 seamstresses. They produce and sell fuxico carpets – using artisanal techniques for reusing fabric scraps – at fairs and stalls along the highway that cuts through the municipality of Periquito.

The goal is sustainability. The first collection featured ecobags from fabrics reused from “frufu” details – a tapestry technique the women have been using for over 20 years – as an alternative product to the carpets they usually made. Today, Casa do FruFru group, formed by these weavers, also produces cushions and toiletry bags, as well as products for order. In addition, the weavers maintain the tradition of selling in their stalls along the highway. However, with the support and training of PESC, they were able to expand the business and now participate in fairs in several cities in Minas Gerais State and sell by order. In Minas Gerais State, PESC is also present in cities of Barão de Cocais, Belo Horizonte, Itabira, Mariana, Resplendor, Santa Bárbara and Tumiritinga.

[Testimonials]



Rogéria Lourenço Borges

Weaver

“ In this training, we got our "hands on" and learned a lot, both with the project and with each other. This was very rewarding. We strongly embraced the project, which was a beacon of learning and wisdom. I had a very difficult adolescence, with a single mother and many brothers. I sold snacks on the street, at the risk of robbery and abuse. Today, I see how all this learning has given my life new meaning. The project is a source of income, both for single and married women, especially in our small town.”



Elaine Cristina de Oliveira

Weaver

“ The project changed my life because it has given me hope. We come to believe in a promising future and see new opportunities. In 2019, we started participating in fairs, understanding the business cycle. Before, our focus was to sell on the highway and now we can go further. If before it was just carpets, now we innovate with produce bags and pillows. PESC and Raízes (a Vale Foundation partner) were fundamental to helping us believe in ourselves and participate in the entire production process, knowing how much the material is worth, how we can organize ourselves and how we can calculate the cost and profit. Sewing machines and the cutting and sewing course were essential for our formation and business continuity. The course was instrumental in opening new horizons.”

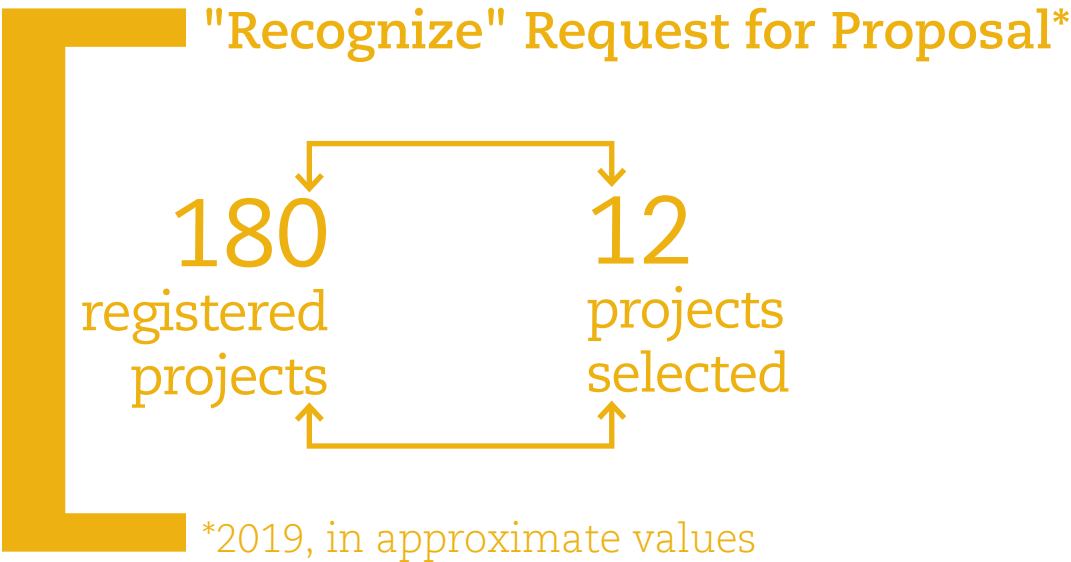


“Recognize” Request for Proposal 2019

The “Recognize” Request for Proposal aimed to contribute to the development of territories and to strengthen human and social capital in the communities in which Vale is present. Launched in August 2019, it opened registrations for institutions interested in developing social projects related to the themes of job and income generation, education, health, sports, and culture in the States of Minas Gerais and Espírito Santo.

During the registration period, workshops were held in eleven municipalities to answer questions and encourage interaction between interested institutions. Approximately 280 people participated in the meetings.

Projects planned for 2020:



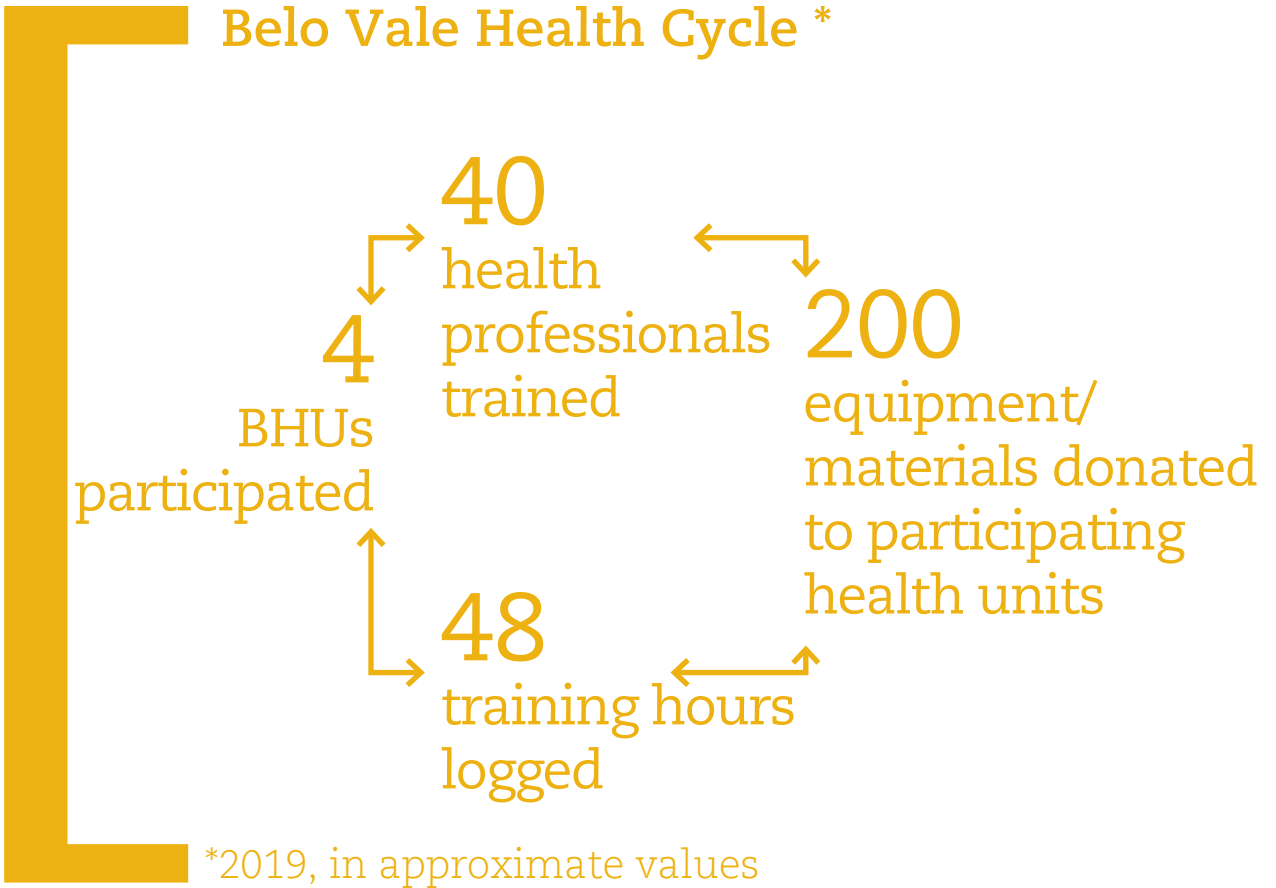


Health Cycle

In 2019, the Health Cycle program worked in Belo Vale to strengthen Primary Care in the municipality through an integrated process that promoted training workshops and managed and donated furniture and equipment to four Basic Health Units (BHUs).

The training meetings, which included health professionals and the BHU management team, sought to contribute to technical improvement, expanding skills for planning, executing, and evaluating actions. The delivery of equipment and furniture provided improved assistance to communities and increased provision of services and favourable environments for the development of good health promotion and education practices.

In Minas Gerais State, in addition to the city of Belo Vale, the Health Cycle was developed in 2019 in the cities of Aimorés, Belo Oriente, Resplendor and Rio Acima.



Health professionals at one of the program's meetings

[Testimonial]



Amanda
Barbosa da Silva

Nurse

“The Health Cycle project came to enhance and improve our knowledge in the municipality, from preparation to the final result. As Primary Healthcare is an extremely important milestone for the user, and teamwork makes a difference, this partnership was impeccable for improving the quality of service that the municipality of Belo Vale already provided.”



Memorial Minas Gerais Vale

Characterized as an Experience Museum, the Memorial Minas Gerais Vale (MMGV) exhibits the soul and traditions of Minas Gerais State in an original and interactive way. Real and virtual scenarios mix to create experiences and sensations that take visitors from the 18th to the 21st century. Opened in 2010, the building originally was the headquarters of the State Department of Finance of Minas Gerais State. The building is listed by the State Institute of Historical and Artistic Heritage of Minas Gerais State (IEPHA/MG in Portuguese). The Memorial Minas Gerais Vale (MMGV) is part of the Liberdade Circuit, a set of cultural spaces in the Praça da Liberdade region, in Belo Horizonte City.

MMGV is a pioneer in Minas Gerais State in offering programming for infants and has become a leader in activities for early childhood. In 2019, the museum launched the book “ZigZar – Between Children and Memories” written by educational professionals from the Memorial, with the participation of teachers and academics who have contributed to the museum’s activities since 2013. The publication deals with the challenge of making the museum's space and activities beneficial for children up to five years of age.



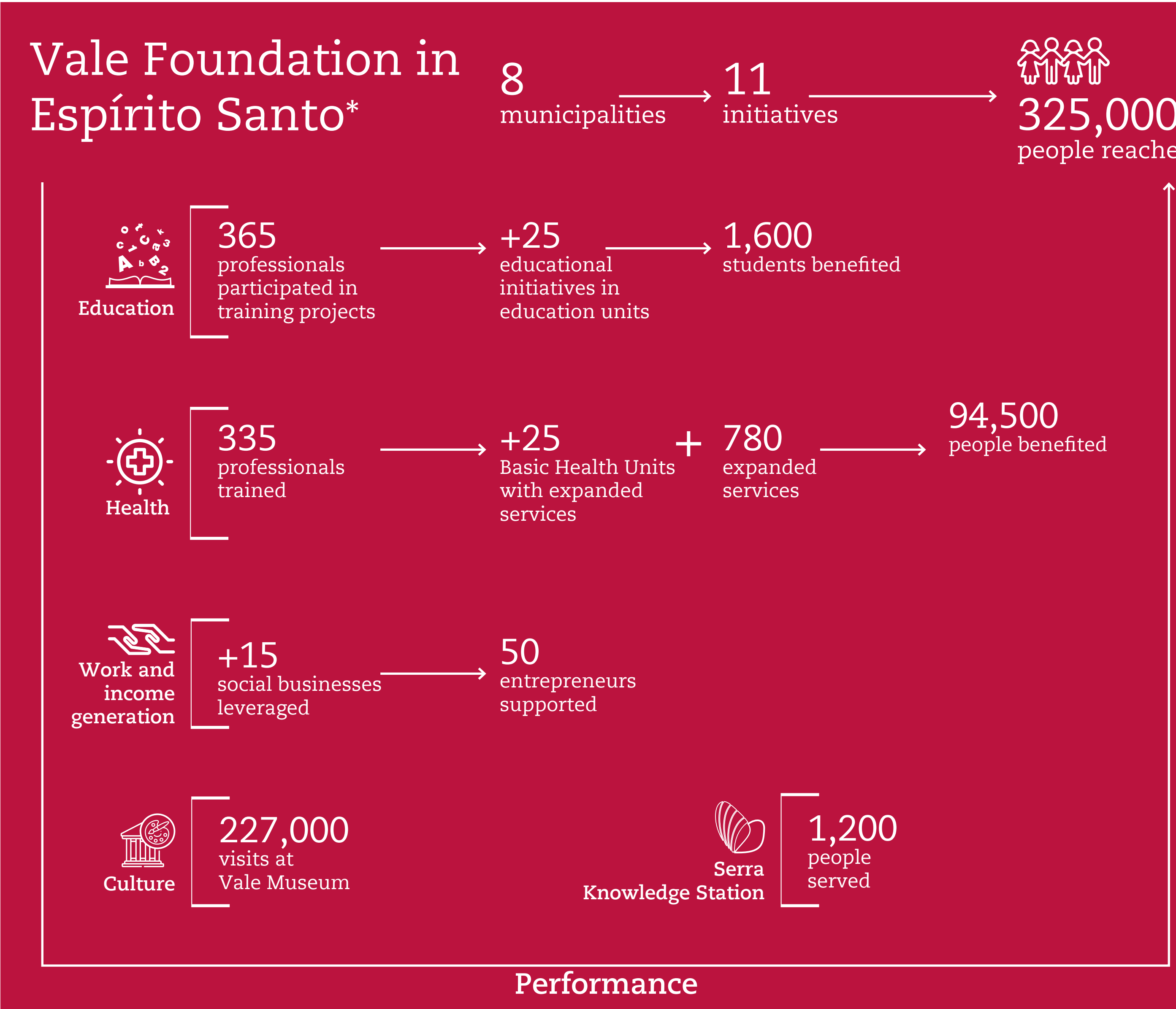
Students from the workshops held, regularly, at the MMGV



[Espírito Santo]

Espírito Santo State is the largest export hub for iron ore and pellets in the world. The Port of Tubarão receives approximately 1,100 ships per year, among them the largest bulk carriers in the world, the Valemax, with a capacity of 400,000 tons each. Another highlight of Vale's operations in the State of Espírito Santo is the Vitória-Minas Railroad (EFVM). Considered one of the most productive and modern in the country, the railroad transports different types of products and more than 1 million passengers per year. The Vale Foundation sponsored three educational initiatives in the state in 2019 as well as one initiative aimed at youth entrepreneurship and expanding services in dozens of Basic Health Units.

- Health Cycle**
Baixo Guandu/Fundão/João Neiva
- “Recognize” Request for Proposal 2019**
- Inclusive Education**
Fundão e Ibirapu
- Early Childhood Education**
Cariacica/Fundão/Ibirapu
- Practical Integral Education**
Serra
- Serra Knowledge Station**
- Geosciences**
Vitória
- Youth Impulse**
Serra
- Young Health Builders**
Fundão
- Vale Museum**
Vila Velha
- PESC - Community Social Entrepreneurship Program**
Ibirapu and Serra



*Main results of 2019 (in approximate values)



Young Health Builders

Young Health Builders Fundão aims to promote community health through training for young people who work in connection with Basic Health Units by developing peer education and community assets. Its performance is based on four categories: training workshops, tutoring and socio-emotional strengthening, community assets, and youth involvement in municipal events.

In partnership with professionals from local Basic Health Units (BHUs), Young Health Builders performs a series of health activities. With postcards created specifically for these activities by the young people themselves, the group disseminates information to the population in the waiting rooms of the three BHUs in the city of Fundão as well as other public spaces. To create the activities, the youth invited other groups to support them with hip hop, dance and poetry presentations to promote good mental health in a playful way. In 2019, the project was also present in the cities of Baixo Guandu and João Neiva, working in synergy with Health Cycle.



Young Health Builders during some activities at Fundão city

Yellow September

In September 2019, suicide prevention awareness month , the Young Builders utilized this theme in public squares and public elementary and high schools. According to the WHO publication “Suicide in the World – Global Health Estimates” suicide was the second-leading cause of death among young people aged 15 to 29, behind only traffic accidents.

[Testimonials]



Sabrina Siqueira Vieira

17 years old,
student and
Young Health Builder

“ For the youth of the city of Fundão, it was very important to address a topic such as suicide, which is taboo in almost all societies, however, the numbers are very high. In 2019, we visited schools to publicize the topic with a more informal approach. For me, personally, talking about depression and suicide helps us to deal with them, to be more friendly, to know how to listen and to value everyday things.”



Silas Rodrigues

20 years old,
student and
Young Health Builder

“ Health Cycle is an information and training project. We always debate the topic and think about the best way to execute it for the public. The interesting thing is that the project deals directly with the target audience and extrapolates what we present in classrooms, BHUs and public squares. The proof of its success is that several friends of mine later learned about the topics covered and came to me to ask questions about depression, suicide, condom use and bullying. For the municipality, it is essential to have projects like this addressing such delicate issues in a didactic way.”



Inclusive Education

Since 2017, the Vale Foundation has fostered and implemented a continuing education project for professionals who work with the Inclusive Education project, as well as enabling the construction of multifunctional resource rooms in school units. In 2019, the Inclusive Education project was expanded to the cities of Ibiraçu and Fundão, in Espírito Santo State.

To execute the project, an initial diagnosis was made, based on technical visits to various schools to learn about the Specialized Education Service (SES). This step was fundamental to define the main places needing materials and equipment in the multifunctional resource rooms. With the analyzed data, a training program was developed and aligned with the need to improve the structural conditions of school equipment in keeping with technical requirements defined by the Ministry of Education. This ensured accessibility and participation by students with learning disabilities.

In the city of Ibiraçu, the project identified the need to support teachers who work with students with disabilities in appropriately-equipped resource rooms who move to other schools that do not have such spaces. These professionals would take one or two bags full of materials to support these students' development. To solve this problem, the project donated kits made up of a portable cabinet, educational games and a tablet.

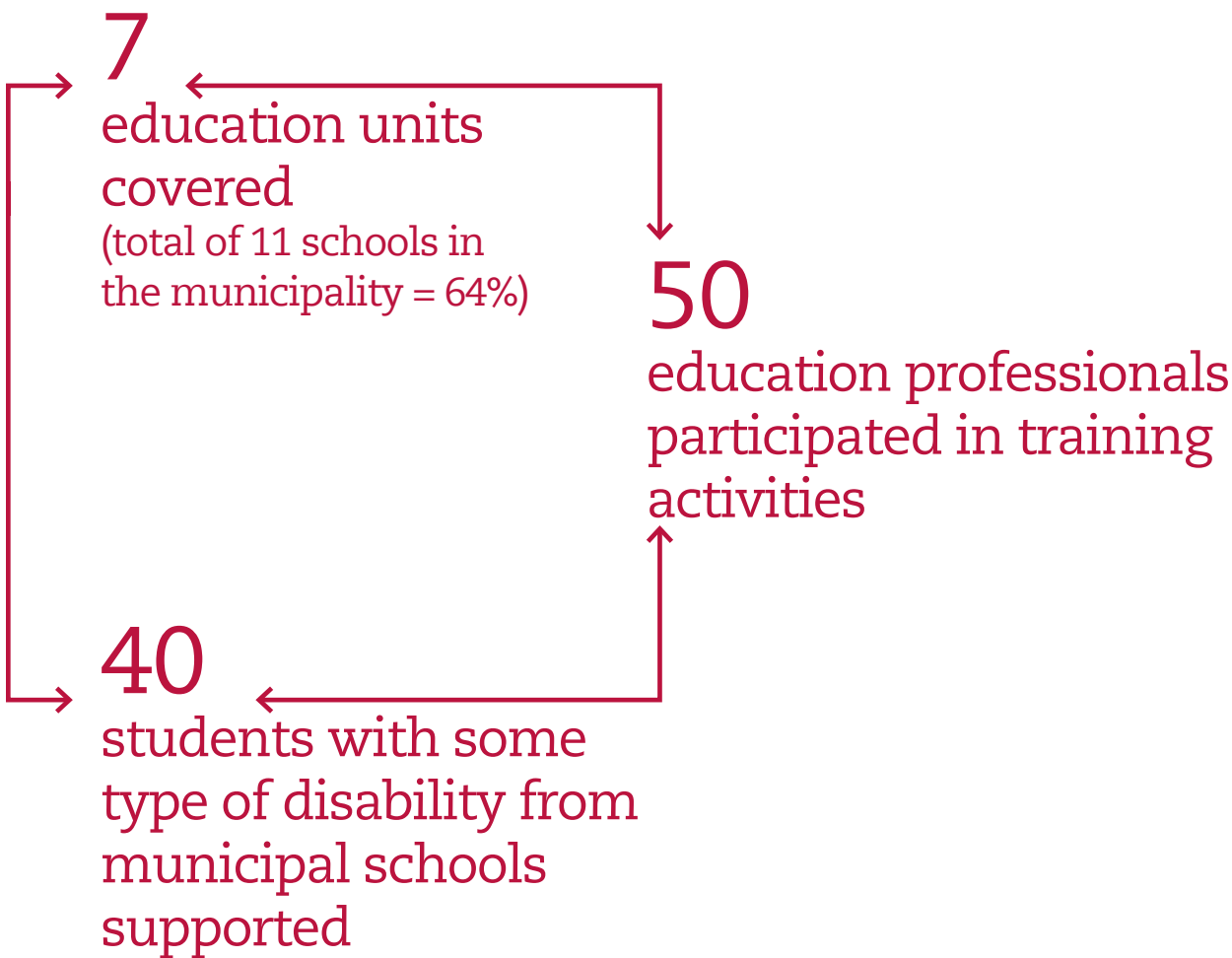
Goals

- Contribute to improving inclusion-oriented services for students
- Create spaces with multifunctional resources in the public-school system and integrate them into current school facilities, to disseminate inclusive educational practices



Team of education professionals in charge of the project at Ibiraçu

Ibiraçu Inclusive Education Project*



*2019, in approximate values

[Testimonial]



Simone Maria Efigênia de Moraes

Psychopedagogue, responsible for Special Education at the Municipal Education Department of Ibiraçu City

“The impact of the project on the lives of families was very big. Every Saturday, when training courses were held, we invited families with special-needs children to follow the training and attend classes. Thus, when this work was completed and put into practice in municipal schools, families were completely onboard. The partnership between Vale Foundation, the municipality, and the families was a gain for the city of Ibiraçu. Vale Foundation gave us total freedom to customize the rooms according to each unit's needs. Today, we can say that we are able to accommodate all types of disabilities present in the municipal school environment. The multifunctional resource rooms all have adapted furniture, such as tables, chairs and shelves, and multimedia resources, such as a computers, tablets and printers.”



Vale
Museum

The Vale Museum is the guardian of the history of Vitória-Minas Railroad (EFVM), being this its initial vocation. Over time, the Museum also became a space for reference in Espírito Santo State for exhibitions of contemporary art. At each exhibition, cultural and artistic formations for children and young people, in addition to heritage education actions around railroad memory. Opened in 1998 and located on the shores Vitória Bay, in Vila Velha city, Espírito Santo State, the Vale Museum occupies the premises of the former Pedro Nolasco Railway Station, which was part of the Vitoria-Minas Railroad (EFVM), operated by Vale. The three story building houses a permanent exhibition on the VMR, including a 34-metre-high mock up and the Memory Center, which preserves more than 22,000 historical records and original documents from the origins of VMR's operation. On the grounds is Maria Fumaça, a locomotive acquired by Vale in 1945 and restored in 1997.



Headquarters building of the Vale Museum, in Vila Velha



Students who participated in the Beyoundwalls Project




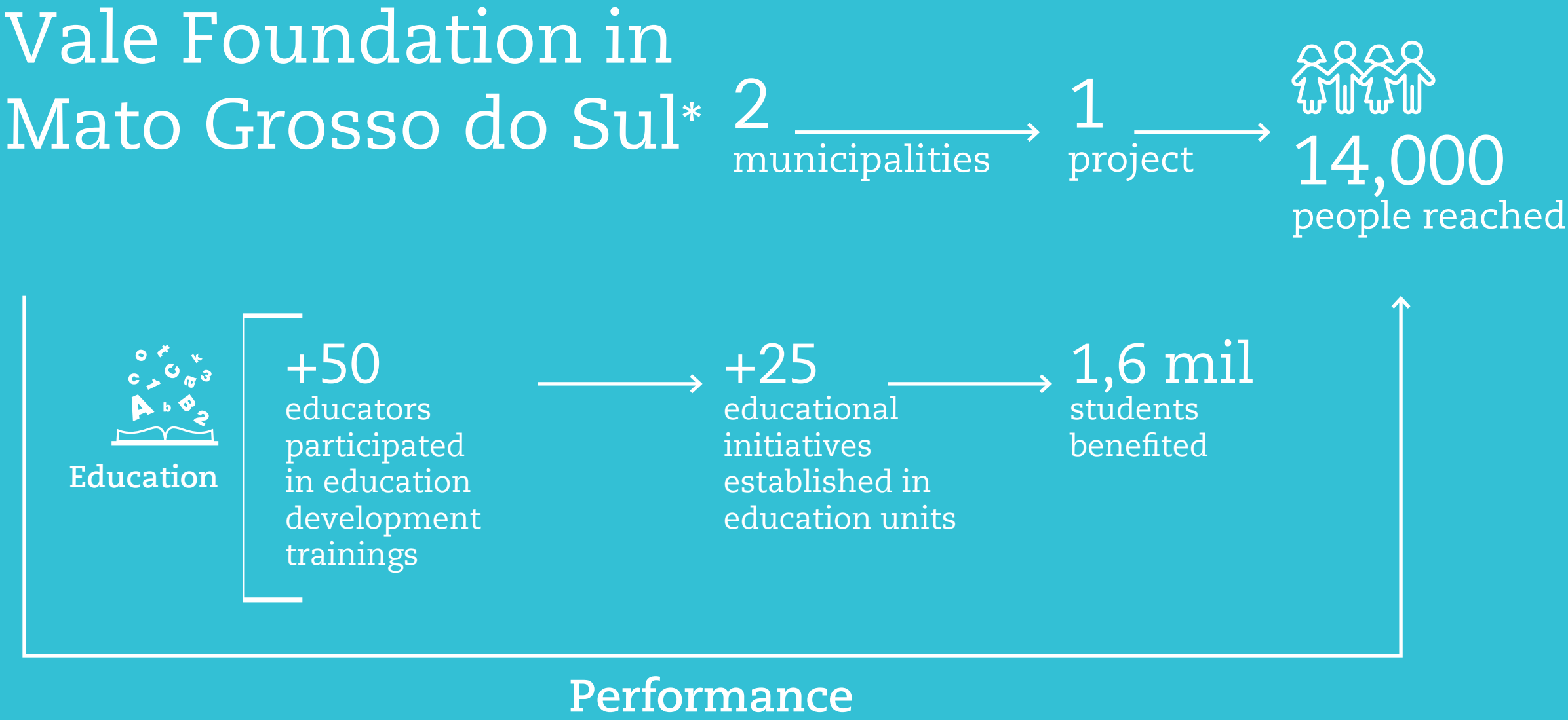
Beyoundwalls
Project

This project seeks to expand the integration between the museum's cultural space and schools, establishing a communication network that fosters artistic activity beyond the limits of the museum environment. It also promotes the integration of teachers and students in an interdisciplinary project that increases artistic practice within the school. By including young people from peripheral regions of large cities through artistic work, the project relies on the guidance of teachers from different disciplines to support a common goal: to develop art and citizenship.

[Mato Grosso do Sul]

In Mato Grosso do Sul State, Vale maintains an important operation through its wholly owned subsidiary, Mineração Corumbaense Reunida (MCR). In the city of Corumbá, the company extracts iron ore from the open Corumbá Mine and manganese from the underground Urucum Mine– which stands out for the high content of manganese extracted from its ore. Manganese is the fourth-most-used metal in the world. In 2019, the Vale Foundation resumed its activities in the territory to strengthen the social protection network of the State of Mato Grosso do Sul.

 **Growing Without Violence**
Corumbá/ Ladário



*Main results of 2019 (in approximate values)



Growing Without Violence

To promote the network that defends the rights of children and adolescents in Mato Grosso do Sul State, the Vale Foundation promoted the Growing Without Violence project in partnership with Canal Futura (implemented by the Roberto Marinho Foundation) and Corumbá and Ladário City Halls.



In November, the initiative held training workshops for more than 100 professionals from the Social Promotion and Protection and Education network in both municipalities. The objective was to strengthen good practices and to disseminate reference materials and interactive methodologies to tackle sexual violence against children and adolescents.

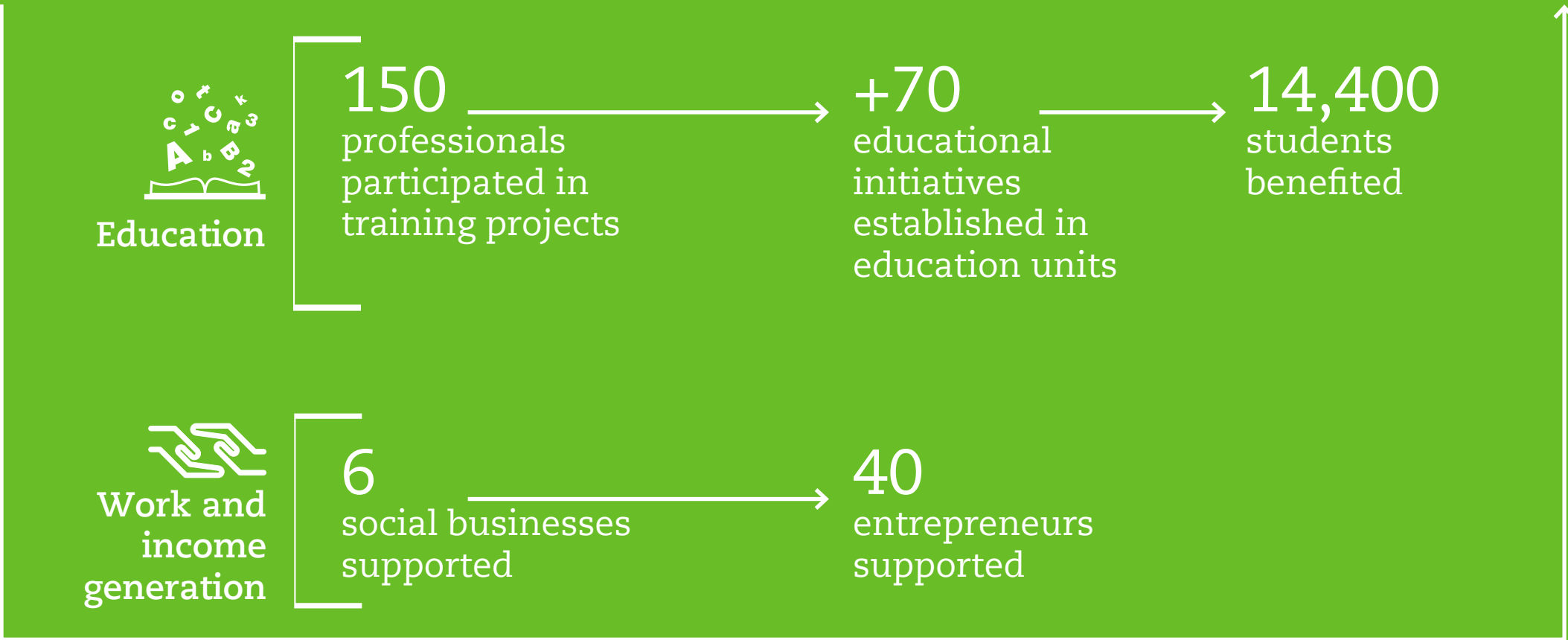
Workshop training in November



[Rio de Janeiro]

Located in Mangaratiba, the Guaíba Island Terminal (GIT) has been operated by Vale since 2007 and is responsible for handling millions of tons of iron ore. Portos Sul is the complex formed by GIT and the ore terminal that Vale maintains at Companhia Portuária Baía de Sepetiba (CPBS), both on Costa Verde in Rio de Janeiro. The Vale Foundation's activities in Rio de Janeiro State in 2019 were directed towards education and entrepreneurship.

-  **AGIR**
Itaguaí/Mangaratiba
-  **Deodoro Training Center**
Deodoro
- Growing Without Violence**
Mangaratiba
- Inclusive Education**
Itaguaí/Mangaratiba
- Literary Routes and Networks**
Itaguaí/Mangaratiba



Performance

*Main results of 2019 (in approximate values)



Judo class at the Deodoro Training Center



Deodoro Training Center

The Deodoro Training Center (CTDeo), built in 2010, promotes social inclusion and human development for children and young people 6 to 19 years old at the Deodoro Olympic Complex, in the West Zone of Rio de Janeiro. During 2019, CTDeo had 542 students enrolled. The site offers activities such as judo, soccer and athletics, in addition to training related to socializing, socialization, discipline, citizenship, school performance monitoring, professional training, nutritional assistance and psychological assistance. Students received support from physical education teachers, sports technicians, psychologists, pedagogues, social workers and health specialists.



Literary Routes and Networks

The second year of the Literary Routes and Networks project in the city of Mangaratiba continued the work of training municipal education professionals, structuring 12 reading rooms and delivering 27 literary collections, benefiting all municipal schools. The program seeks to train educators in reading literacy, improve classrooms and reading spaces in schools, and integrate reading into curricular activities. The project is also happening in the municipality of Itaguaí.



Students gathered at school to literary activities

Outdoor activities during the Literary Fishing

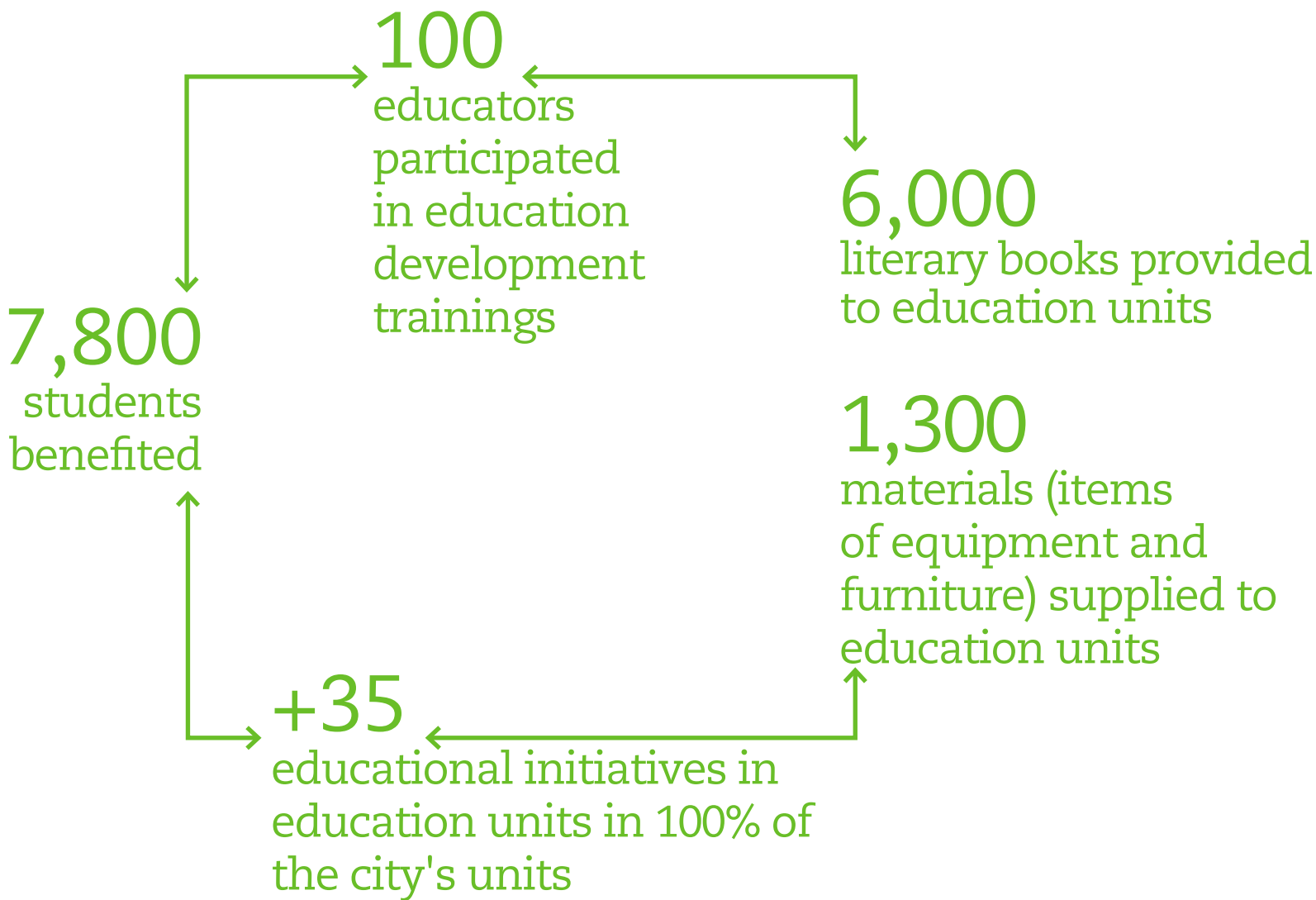


Literary Fishing

Literary Fishnet

Literary Fishing of Mangaratiba (PLIM) began in 2018. It starting by training teachers from the municipal network, promoted from within the Literary Routes and Networks project. That year, teachers and managers realized that they could take what they learned out of the classroom and into the public realm. In August 2019, they expanded the initiative and took 700 people to Robert Simões Square, in the city centre, with the aim of promoting the link between literature and territory. For one day, the teachers of the education network carried out various activities such as toy-making, games, reading circles and storytelling.

Literary Routes and Networks Mangaratiba*



*2019, in approximate values

[Testimonials]



Priscila Vasconcellos Braga

Superintendent of Educational Projects, of the Municipal Department of Education, Sport and Leisure of Mangaratiba City

“ Since 2018, we have had this partnership with Vale Foundation. Literary Routes and Networks came to change the lives of students and teachers. The work is done within the literary genres, broadening thinking and bringing a new vision for everyone. In the Reading Rooms of each school, we do transversal work, which is not obliged to address only the curriculum content. Working with teachers in the Reading Rooms, providing ongoing training, is very valuable. It is worth noting that Mangaratiba City is a very diverse municipality and the project was able to value these diversities and peculiarities of each municipal school.”



Daniel Martinez da Horta

Director of Educational Projects, of the Municipal Department of Education, Sports and Leisure of the city of Mangaratiba

“ The Reading Room had been forgotten. With the partnership with Vale Foundation, everyone started to value the space and understand its importance in the training of students. Literary Fishing, an offshoot of the Routes and Networks project, was born of the desire to provide access to reading for a population that does not have this on a daily basis, with the aim of extrapolating knowledge within schools. We intend to awaken people’s taste for literature, in a municipality so lacking in cultural offerings.”

[Awards]



Human Being Award
The award, promoted by the Brazilian Human Resources Association (ABRH-Brasil), is recognized as valuing the best practices in people management, stimulating creative thinking and identifying new talents.

1st place

The Vale Foundation was a regional highlight, as a winner in the People Management/Sustainability category, for the Community Social Entrepreneurship Program: consolidating female socio-productive inclusion on the Vitória Minas Railway.

3rd place

The Healthy Home project won a bronze medal in the same category, in recognition of the results achieved: 942 families from 23 communities benefited in 2018 and 2019 with expanded access to water, reduced fires, increased productivity, implementation of bathrooms, and reduced pesticides use.



Conecta Award
The award aims to identify and recognize initiatives that contribute to sustainable development in the Vale do Aço region. The award is promoted by FIEMG Regional Vale do Aço, together with Aperam, ArcelorMittal Monlevade, Cenibra and Usiminas.

1st place

The Foundation won first place in the Small Size Category, with PESC Periquito (Minas Gerais State), in recognition for providing opportunities for socio-productive inclusion and product innovation generated in the municipality.



Businessperson Friend of Sport Award
The award is intended to honour supporters of sports and para-sports projects covered by the Law of Incentive to Sport – LIS, Law 11,438 of December 29, 2006, which helped to develop and strengthen national sport in its various modalities and manifestations.

1st place

Tucumã Knowledge Station placed first in the Empresário Amigo do Esporte Award 2019 – Maiores Amigos do Esporte do Pará, standing out for its commitment to the development and viability of projects through tax incentives.

1st place

In the Maranhão State category, Arari Knowledge Station as well as its sister station in Tucumã City, Pará State shared first place, in recognition for their commitment to the development and viability of projects through tax incentives.

[Glossary]

Support for structuring the State Human Milk Bank of the University Hospital of the Federal University of Maranhão

Through a partnership with the São Luís Human Milk Bank and the Josué Montello Foundation, the Vale Foundation contributed to evolve the technology of human milk processing and quality control, and train professionals to advocate for specialized breastfeeding management. The project was carried out with funds from the Brazilian Development Bank (BNDES in Portuguese) social subcredit to Vale.

Support for the improvement of the Neonatal ICU at the University Hospital of the Federal University of Maranhão State

In partnership with Josué Montello Foundation, the Vale Foundation contributes to disseminate good practices in the neonatal ICU to reduce child morbidity and mortality in the State of Maranhão by purchasing equipment and training health professionals from several municipalities in the interior of the state.

Canaã dos Carajás House of Culture

Check here the description of the initiative. For more information, access [casadaculturacanaa.com.br](#).

Healthy Home

This program supports and strengthens the participation of rural communities to improve water and sanitation management through education focused on self-care in health,

implementation of social technologies related to access to sanitary facilities, safe water, and food sources. The technologies involved are simple and easy to replicate. They include creating a compostable dry toilet, storm water collection tank, and permaculture-based family garden. The activities are developed by the residents themselves, after participating in theoretical workshops and practices conducted by social educators. Instituto Sotreq is an institutional partner of the Healthy Home program in the locality of Arari and the Popular Centre of Culture and Development (CPCD in Portuguese) carries out the program. The project was enabled with funds from the BNDES social sub-credit to Vale.

Vale Maranhão Cultural Center

Check here the description of the initiative. For more information, access [ccv-ma.org.br](#).

Deodoro Training Center

Check here the description of the initiative. For more information, access [www.ctdeo.org.br](#).

Health Cycle

This program helps to improve primary health care in the municipalities, through technical cooperation to qualify Family Health Strategy (ESF in Portuguese) teams on topics related to health care, prevention and promotion. The initiative also includes a supply of instruments and furniture for to improve diagnosis and clinical practice. This generates improvements in care and honours people’s right to health in the territories. CEDAPS is a partner in executing the program.

Educating City

Urban Mobility and Traffic Safety – The Vale Foundation created this project to help improve the quality of life for the population of Canaã dos Carajás by strengthening the role of local participants in urban mobility and traffic safety. The project consists of three sections: training in urban furniture through Youth and Adult Education, creating an intersectoral committee, and social mobilization actions. The project partners and supporters are: Canaan Agency (Agência Canaã), Michelin Foundation, Hidrau Torque Group (GHT), Global Road Safety Partnership (GRSP) and City Hall of Canaã dos Carajás. The consultancy Mauro Santos Educação e Consultoria em Políticas Urbanas is a partner in implementing social methodologies.

Growing Without Violence

Through a partnership with Futura Channel (carried out by Roberto Marinho Foundation), the project delivers training courses that offer reference materials and methodologies to tackle violations of children’s and adolescents’ rights. The target audience is educators, family members, and social and health agents. With a lighthearted approach, the training explores themes like sexual rights, abuse of power, child and youth pornography and child and adolescent enticement. The formative content of Growing Without Violence was developed by Futura Channel, the not-for-profit World Childhood Foundation and UNICEF.

Health Caregivers

Enable health promotion in quilombola communities in Vale's area of influence, based on training local agents and influencers. With

the help of the WHO, the focus is on diseases arising from social factors such as diabetes, hypertension, pregnancy, hanseniasis, and anemia. The CPCD is a partner in this initiative.

“Recognize” Request for Proposal

An initiative of the Vale Foundation that is committed to investing in actions that celebrate the people, local institutions and territorial development where Vale is present. In 2019, the Public Notice covered the municipalities of Espírito Santo and Minas Gerais States.

Inclusive Education

Since 2016, the Vale Foundation has invested in the Inclusive Education program to improve the quality of Specialized Educational Services (AEEs in Portuguese). It also promotes the value of citizenship. The program helps the public school system to form technical teams comprising municipal departments of education, directors, pedagogical coordinators and teachers. This support extends to equipping multifunctional resource rooms to support students with disabilities, global developmental disorders, or giftedness enrolled in the municipal public network. The Community Image (AIC in Portuguese) is another partner of Inclusive Education.

Early Childhood Education

This program seeks to expand the possibilities of educational and pedagogical work aimed at children from 0 to 5 years of age by improving the quality of the development and learning process. This is accomplished by training educational professionals and equipping early childhood education spaces in municipal

schools. The program’s partners include Avante, France-Brazil Solidarity and municipal education departments.

Practical Integral Education

This supports City Halls in constructing and implementing the Integral Education Policy in their municipal school system. Based on the diagnosis, strategies to construct/revise the policy are outlined jointly, including analysis of the municipal curriculum, mapping of the educational potentials of the territory and institutional partners, and a review of the Pedagogical Political Projects of the municipal schools. City School Apprentice is a partner in implementing methodologies and the municipal education departments are institutional partners of the Practical Integral Education Program.

Youth and Adult Education

Literature in Literacy – The project promotes literary reading in the education of young and adult people (EJA in Portuguese). Aspects include training educators, holding meetings with writers, and providing schools with specific literary collections for EJA students. The non-profit civil association Educational Action is a partner in the project.

Youth and Adult Education - Didactic Paths

This program, which began in 2018 in São Luís City and Arari City (Maranhão State), helps to improve the quality of youth and adult education by training managers and teachers via digital content. One of the main actions of the initial stage of this project was to use a pen card with study materials, including the fundamentals of youth and adult education (history, legislation

and evaluation indicators) and concepts of mobility and sustainability in 21st century cities. The non-profit civil association Educational Action is a partner in implementing project methodologies.

Knowledge Station

Knowledge Stations are initiatives of the Vale Foundation. They offer educational, cultural and sports activities during school hours mainly to children and adolescents aged 6 to 17 years. The programs contribute to the social development of the communities served, fostering creativity, innovation, partnerships, participation and sharing of actions between public entities and organized civil society and communities, while valuing the characteristics of each region. There are five Knowledge Stations, located in the municipalities of Arari (Maranhão State), Brumadinho (Minas Gerais State), Serra (Espírito Santo State), Marabá and Tucumã (Pará State).

They are independent institutions, maintained primarily with resources from the Vale Foundation, Vale and partner companies. Incentive funding comes from the Childhood and Adolescence Fund (Municipal Councils for the Defense of Children and Adolescents) and the Sports Incentive Law (Special Secretariat for Sport). Wheaton Precious Metals is a financing partner for some Knowledge Station projects in the cities of Arari, Marabá and Tucumã. Serra Knowledge Station has a technical and financial partnership with the Municipality of Serra to enable projects that strengthen the local basic social protection system. Marabá and Tucumã Knowledge Stations have Fabiano de Cristo Home as a partner for social methodologies.

Dairy Station

This promotes the milk production chain by supporting farmers in the APA Igarapé Gelado and rural communities in the municipality of Parauapebas, in Pará State. Dairy Station supplies quality products to several municipalities in Pará State. These include mozzarella and Minas cheese, as well as butter. The initiative has Ice Cream APA Human and Economic Development Centre as a partner in implementing the social methodology.

Health Station

The project undertakes educational health initiatives on the Carajás Railroad (CR) passenger train operated by Vale between the cities of São Luís City and Açailândia in Maranhão State. Over a thousand people use the train daily. The goal is to educate passengers and residents of communities that border the railroad about health care and to strengthen primary care in the municipalities. On the train, passengers are offered guidance and quick tests for diseases prevalent in the region. Suspected cases are referred to the public health system. The Maranhão State Health Department is a partner in this project.

Entrepreneur Fund

This is a productive microcredit fund to support entrepreneurs by the Vale Foundation's structuring programs. Its objective is to guarantee the financial health of businesses and, consequently, allow them to be leveraged to increase the entrepreneurs' income and generate new local jobs. Brazilian Solar Energy Congress (ISES in Portuguese) is a partner in implementing the social methodology of the Entrepreneur Fund.

Geosciences

This project helps to expand the knowledge level of teachers on geography and science, improving their ability to teach these subjects, and offering students from schools in the municipal public network a practical and playful learning experience. The initiative includes workshops, promoting studies in the classroom, and distributing geoscience kits. The kits contain a box with fragments of rocks and minerals, a magnifying glass, and an activity notebook. Continuum is an implementing partner for social methodologies in this project and municipal public schools are institutional partners.

Youth Impulse

This initiative was developed at Serra Knowledge Station (State of Espírito Santo) with technical support from the Social Business area of the Vale Foundation. The pilot project was developed in 2019 to awaken young people to their life's goal, offering opportunities for social transformation in their communities. Avenida Brasil is the executing partner in this initiative.

Incubation of the Canaã dos Carajás Economic and Social Development Agency

The Canaã Economic and Social Development Agency's mission is to promote and strengthen the city's socioeconomic and cultural development through partnerships. The Vale Foundation carried out the incubation of the Agency to improve the management of the financial, administrative and personnel processes, strengthening the role of this organization as a catalyst for the dynamic economic and social development of the municipality. ISES is a partner in implementing the social methodology of this initiative.

Young Health Builders

This project aims to strengthen health promotion in communities with young people as agents of local transformation. Developed by the Health Promotion Centre (CEDAPS in Portuguese) and the YouthBuild organization, the initiative contributes to a new generation of citizens who are healthier and more active in efforts to improve health conditions in their localities.

Young Protagonists

This program helps to engage and strengthen youth leadership, enabling young people to exercise citizenship and act as agents of change in their communities. In 2017, as a preparatory stage, the participants were made aware of the Rights Guarantee System. In 2019, participants were offered training in topics related to youth and adolescence and a course in creating and managing mini projects, both indicated as priority needs by the members themselves. The Health Promotion Centre (CEDAPS), Quik and Komatsu are partners of Young Protagonists.

Memorial Minas Gerais Vale

Check here the description of the initiative. For more information, access memorialvale.com.br.

Vale Museum

Check here the description of the initiative. For more information, access museuvale.com.

Social Investors Partners

These are third sector or private organizations that support projects carried out by the Vale Foundation with financial resources. In 2019, our projects received contributions from

the following organizations and companies: Michelin Foundation, Hidrau Torque Group (GHT in Portuguese), Sotreq Social Institute and Wheaton Precious Metals.

Institutional Partners

The Vale Foundation has the support of a network of public and private institutions that help us to articulate strategies, conduct constructive dialogue and exchange knowledge to implement projects. Among our institutional partners are: Canaã Agency, Children's Psychosocial Service Centre (CAPSI in Portuguese), Social Assistance Reference Centre (CRAS), Reference Centre for Women's Assistance (CRAM), Reference Centre Specialized in Social Assistance (CREAS), Reference Centre for Comprehensive Education (GIFE), Komatsu and Everyone for Education.

Social Methodologies Implementation Partners

These institutions are specialists in social investment and support the Vale Foundation in the technical execution and implementation of the social methodologies of programs and projects. Most of them are configured as associations, non-governmental organizations (NGOs), civil society organizations (OCs in Portuguese), and civil society organizations of public Interest (OCIPs).

Sustainable Dairy Cattle

This project introduces new sustainable practices in the field, generating increased productivity and boosting the income of farmers in the municipality of Parauapebas (Pará State). Through training, technical assistance and

rural extension, mechanization services, and donation of supplies and implements, the initiative strengthens local milk production. AoLeite is a partner in implementing the social methodology. The project received partnership and investments from Sotreq Social Institute.

Permaculture at the Arari Knowledge Station]

This project created a Center of Excellence in Permaculture and Bioconstruction at Arari Knowledge Station, which promotes and generates social technologies and solutions for the sustainable production of family farming in the surrounding communities. The Center provides technical advice and rural extension in the production process, strengthening food security and generating income for the families served. CPCD is a partner in implementing the social methodology of this initiative.

Income Generation and Increase Support Program – (AGIR in Portuguese)

This program seeks, through a structured methodology for incubating social businesses, to structure, consolidate and leverage enterprises. Since 2015, AGIR has been certified as a social technology and includes different life cycle phases, such as prospecting, entrepreneurial training, incubation, acceleration, and business graduation. The program provides for direct investment, called seed capital, in productive infrastructure and equipment. The actions are aimed at both associations, cooperatives and informal productive groups. Through the program, the enterprises receive training, technical advice, mentoring in financial management,

governance, formalization, production, marketing, and sustainability advice. The partners in the execution of AGIR are: CIEDS, Criare, ISES, Kairós and Technoserve.

Community Social Entrepreneurship Program (PESC)

This initiative promotes and supports social businesses, aimed mainly at regions with new businesses with entrepreneurial potential. After prospecting, the project is involved with business modeling, mentoring and technical advice, pre-incubation and incubation of the selected productive groups, direct investment in equipment and machinery (seed capital). The potential for expanding markets is defined within the context of entrepreneurship and the social business ecosystem. PESC, in the different cities where it operates, has as partners CIEDS, Create, Impact Hub, ISES, Kairós, and Roots Sustainable Development. Wheaton Precious Metals is an investing partner of PESC Marabá.

Canaã dos Carajás Economic Dynamism Program

This initiative was created to design and execute short, medium and long-term action plans to facilitate economic dynamism in Canaã dos Carajás (Pará State). The initiative brought together members of civil society, government and companies to identify, with SolutionLabs, the main obstacles, challenges, and consolidating strategies to promote local economic development, quality education, and strengthened rural development, and structuring for the city's business hub. The Public Agenda is a partner in implementing this social methodology.

Arari Knowledge Station Pedagogical Policy Project

The revision of the Pedagogical Political Project (PPP) of Arari Knowledge Station redesigned the pedagogical proposal based on the principles of Integral Education. It enabled the activities to be offered in more languages and focuses on the intellectual, emotional, cultural, and social development of children and teenagers. The project takes place at the same time that the Municipal Department of Arari structures its policy of Integral Education, which enhances the performance of the Knowledge Station as a territorial partner. City School Apprentice is an implementing partner of social methodologies in this PPP.

Maranhão Literacy Project

This project contributes to the full literacy of children in public schools in the 23 municipalities located along the Carajás Railroad in Maranhão. The actions include training the technical teams of the State and Municipal Education Departments and educators, and mobilizing the school community for literacy. Avante, Falconi, Training Institute (Instituto Formação), the Institute for Research on Technology and Innovation (IPTI) and Social Knowledge Network are partners in executing this project.

Family Agriculture Projects

Aimed at sustainable rural development and income generation for producers, these projects offer access to training, technical assistance and rural extension, in addition to investment in equipment and supplies. The projects improve the quality and productivity

of milk, agricultural mechanization and agricultural techniques. ISES and AoLeite are partners in implementing this social methodology.

Maranhão Women’s Network

This is a collective formed by the social businesses that were incubated, accelerated and launched by AGIR along the Carajás Railroad (CR). The social businesses that make up the Network are formed mainly by women who previously marketed products in an unhealthy and informal way through the CR passenger train window. When the were modernized in 2015, the windows were closed and these women lost their main source of income. AGIR supported the groups to reinvent themselves in this new scenario and encouraged cooperatives and associations in the Network. As a result of AGIR EFC, Maranhão Women’s Network gained prominence by streamlining its productive activities, integrating groups of babassu coconut breakers into the Network, and accessing new markets. ISES is a partner in implementating the social methodology. The project had the partnership and investments of Wheaton Precious Metals.

Literary Routes and Networks

The program supports educational networks to promote and integrate books and reading into the curriculum by expanding the schools’ literary collection and training teachers to teach reading. In addition, the program improves the rooms and reading corners of schools. City School Apprentice and Arte Tear Institute are implementing partners of the program. Sotreq Social Institute is a social investor partner of the initiative.

Nutritional Surveillance
This supports the work developed by Pastoral of the Child, in the municipalities of the State of Pará and Maranhão. The objective is to accompany and train the coordination teams of Pastoral of the Child and volunteer community leaders to implement and strengthen the monitoring of primary care, nutrition, education and citizenship in socially vulnerable communities.



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