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## Vale drives the development of Canaã dos Carajás

*In 12 years, Vale has directed more than R\$ 1 billion in taxes and social investments to the municipality, home to the Sossego copper mine and now also to the S11D*

Over the last 12 years, Vale has made important contributions to the municipality of Canaã dos Carajás, in southeast Pará, be it with the payment of taxes and social investments, which improve the provision of public services in the municipality. In addition to the Eliezer Batista S11D Complex, which is being inaugurated today (17/12), the company maintains the Sossego copper mine in the area since 2004.

Of the volume paid by the company between January 2004 and November 2016, Vale has destined to the municipality over R\$ 1 billion, the sum of social investments and ISS (Service Tax) and CFEM (Financial Contribution for the Exploration of Mineral Resources) payments.

Currently, Canaã is the highlight of human development in the State. The Gross Domestic Product (GDP) per capita for the city is now 26 times higher than in 2000, before the Sossego mine was implemented. Another marker that evolved was the Municipal Human Development Index (MHDI). In 2000, the city had a low human development rate. In 2010, it

was considered a medium-development municipality. Canaã is also at the lead in Firjan's Municipal Development Index (IFDM), a reference in Brazil for monitoring social and economic development since 2005. According to IFDM, the municipality in Southeast Pará is ahead of Belém and six other Brazilian state capitals in the survey - Aracaju, Porto Velho, Salvador, Maceió, Manaus and Macapá.

Vale's contribution to local socioeconomic development is based on the commitment to working with interested parties in a participative manner, seeking their engagement and with a long-term vision. The company acts in a collaborative manner with the local public authorities, organized civil society and nationally recognized social institutions. Considering only current investments related to the implementation of the S11D Project, more than 30 actions have been completed or are underway that were carried out via partnership with the city hall of Canaã dos Carajás, and other civil society institutions. Below, examples of some of the actions developed:



*Carlos Henrique Municipal School in Canaã dos Carajás, before and after the renovation*

## Public Health

The city's municipal hospital was expanded and provided with additional beds, an operating theater, a maternity ward and a neonatal care room. Four health clinics were built, as well as the donation of 384 pieces of equipment for 10 Basic Health Units.

In a joint initiative with the Municipal Health Secretariat, Vale developed the Basic Health Attention Project (PASB), which is guided by the directives of the United Nations Fund for Children and Adolescents and on the Health Ministry's National Policy for Basic Attention. The project seeks to contribute with the municipality's public bodies for the prevention of infant mortality and morbidity, and enable the promotion of the health of families in situations of extreme poverty.

## Child and Juvenile Protection

With a partnership from the Human Rights Secretariat of the Presidency of the Republic and the Municipal City Hall, Vale and the Vale Foundation have implemented the first Model Tutelary Council of the country, a safe, accessible, comfortable and appropriate space for the execution of care for children, adolescents and family members.

Another initiative in the area of social promotion and protection was the creation of the Pact to Face Violence against Children and Adolescents and the construction of the new Justice Forum, from a partnership signed between the City Hall of Canaã and the Justice Tribunal of the State of Pará.

## Public Security

The municipality now has a Pro-peace unit - a complex covering in the same space the Military and Civil police departments; a psycho-social support service; and an area for carrying out criminality prevention activities - plus a Fire

Brigade, a result of the partnership with the State Public Security Secretariat and the City Hall of Canaã.

## **Infrastructure**

In partnership with the local energy concessionaire, the electric power system was expanded with the construction of 59 kilometers of transmission lines and two sub-stations, benefitting over 80,000 people, guaranteeing the availability and reliability of energy.

## **Generation of Jobs and Income**

A new headquarters for the Economic and Social Development Agency of Canaã dos Carajás was built, a non-profit organization that has been playing an important role in the partnership with the municipality. The agency aggregates 14 associations, 800 families of farmers and around 200 social entrepreneurs of the region. It counts on a partnership from Vale and the Vale Foundation, which supports the entrepreneurship in the municipality by means of the prospection and development of social businesses. Projects such as the Vila de Bom Jesus, in the rural zone of the municipality, received equipment to improve agricultural production, benefitting over 160 producers. Another 70 families were trained in honey production.

According to the agency's coordinator, Graça Reis, the main result is the transformation of the community. "We have almost 30 programs, intermediated by the agency, which count on the support of Vale and the Vale Foundation. Actions that not only give the fish, but also teach to fish and benefit over 25 thousand families, be it by means of training, consultancy to improve their income or social projects", Graça describes.

In the Vila Ouro Verde also in the rural zone of Canaã, located in the area of influence of the enterprise, a new school was built and renovation works were made to a kindergarten, a primary healthcare unit and the headquarters of the State Agricultural Defense Agency of Pará (Adepará). Incentives to the municipality's agricultural vocation, another of its potentialities, have also received investments. In all, 50 kilometers of roads have been paved, easing the shipping of production, and a Producer's Fair with 160 stands, in addition to programs to encourage the generation of jobs and income, such as poultry raising, horticulture, beekeeping, etc.

Vale maintains a constant dialogue with the communities, with the objective of discussing local development. "We maintain a close, transparent and respectful relationship with the communities. We seek to build our relationship and means of contributing in a participative manner, with sustainable partnerships and investments. We want to improve the quality of life of these communities, always seeking the protagonism of the community in this construction", says the executive manager of Community Relations, João Coral.

## **Generation of Jobs**

At its peak, the construction of the infrastructure of the S11D mine and plant generated 15,700 jobs. Out of those, 75% of the workers have informed they live in Pará.

During the stage of hiring workers for the enterprise, several capacitation actions were performed in management and social support was provided to migrants under a partnership with the city hall of Canaã, such as renovating the National Employment Service (Sine) office and supporting the municipal worker assistance network. In the current demobilization stage, a multi-sector work group was created, with the involvement of Vale, the city hall and other institutions, with the purpose of planning and preparing a demobilization plan and monitoring the proposed actions.

With the support of Vale, the Vale Foundation and Unesco, the City Plan, essential to any city in order to guide and order its urban expansion, the Mobility and Transportation Plan and the Sanitation Plan were reformulated and updated.

## **Education**

Among the social investments made by Project S11D are the construction and renovation of eight schools, of which three shall be started this year. All shall be equipped with a covered sports court, a computer room and are adapted to persons with disabilities. The improvement in infrastructure increased the number of places in basic education.

The results are reflected in the satisfied smiles of Rosângela Rodrigues. Her five children study at Raimundo de Oliveira school, in Vila Bom Jesus. The school had one of the best grades on the latest Ideb (Basic Education Development Index). Rosangela says she's happy with the result. "Before it was bad. After renovations, the classrooms are better, the school now has a playground, a sports court, a perimeter wall. For me now it deserves an A. Everything's great," she says. The school grade in Ideb jumped from 3.9 in 2013 to 4.8 in 2015. The unit has been renovated by the municipality in 2014 with support from Vale.

In addition to improving the infrastructure at schools, the investments in training teachers and awarding their dedication have favored Ideb's results. According the Municipal Education Secretary, the municipality has advanced, but it still faces challenges in ensuring that more students are learning and following a proper feeder pattern. "Today our students have access to adequate, inviting schools that are open to partnerships, such as the one with Vale and the Vale Foundation, which contribute to the advancements of the municipality. We are constantly seeking to improve our markers and we are looking for new partnerships that could provide even greater growth," says the Municipal Education Secretary, Jacqueline Moura.

## **Vale Foundation**

Based on its experience in Canaã dos Carajás, Vale Foundation has helped define a new logic for volunteer private social investment in Brazil. Currently, the institution leads the Study Group to debate the integration of volunteer private social investment with the strengthening of public policies, organized by the Institutes and Foundations and Companies Group (Gife), which gathers the 130 largest investors in the social area in the country.

The United Nations Organization (UN) is also aware of the work developed by Vale Foundation to support Vale in Canaã dos Carajás. In 2016, a company representative participated on an international event organized by the UN and their report on the experience on the municipality will be published by the UN on the first half of 2017.

## **Public-private investments made**

### **Electric Power**

- Building 59 kilometers of electric power network lines in the municipality with a voltage of 138,000 volts;
- Doubling the capacity of the Canaã dos Carajás Substation from six megawatts to 12 megawatts, increasing the available stable energy to supply the population's demand;
- Delivering Substations in Parauapebas and Canaã dos Carajás;

### **Basic sanitation**

- Improving the sewer sanitation and water supply networks;
- Implementing a chemical analysis laboratory;
- Preparing projects to expand the water and sewage networks;
- Building a new sanitary landfill and adapting a controlled landfill;
- Building four artesian wells;
- Improving the water captation system at the Verde River dam;
- Partnering in the building of the Municipal Sanitation Plan;

### **Public Safety**

- Building a citizen services complex, with an Integrated Pacifying Police Unit (UIPP), a Fire Brigade outpost and a Pro-peace Space;
- Purchasing vehicles, equipment and general devices;
- Renovating the Military Police headquarters;

## Access to Justice and Rights

- Building a new Justice Forum of Canaã dos Carajás;
- Building an Integrated Citizen Services Center (Ciac);
- Renovating the Sine;
- Renovating and expanding the Social Assistance Reference Center (Creas);
- Building the first Model Child Protection Service in Brazil, to protect children's and youth's rights;
- Building a Community Center for the Elderly (Cecon), to improve the quality of life of elders;

## Education

- Renovation and expansion of Raimundo de Oliveira school at Vila Bom Jesus, in the rural zone;
- Renovation and expansion of Adelaide Molinari school, in Vila Planalto, in the Rural Zone;
- Building a new School at Vila Ouro Verde;
- Construction of a new school in the rural community of Nova Jerusalém;
- Building a Municipal School in the Ouro Preto Neighborhood;
- All schools now have a sports court, computer lab and video room, and are accessible for persons with disabilities;
- Agreement to build three new kindergartens in the neighborhoods of Vale dos Sonhos III, Jardim América and Novo Brasil;

## Agricultural Production Incentive

- Building a crèche at Vila Ouro Verde;
- Building the new State Agricultural Defense Agency of Pará (Adepará) at Vila Ouro Verde;
- Building VS 40, a 41km road connecting the cloverleaf on PA-160 highway to the gates of the S11D project;
- Paving 3km of the access pathway from Vila Feitosa to VS 40, which provides access to Canaã, Vila Bom Jesus and Vila Planalto;
- Paving began on the 6km access pathway from Vila Ouro Verde to VS 40;
- Building the Producer's Fair with 160 stalls and a low-cost restaurant;
- Supporting the water collection and distribution in Vila Serra Dourada;
- Supporting the honey production chain; - Strengthening family farming; strengthening associations and cooperatives; social management; and legal support.
- Between 2013 and 2014, Vale developed several projects through the Agir Program and the Open Letter Incentive Program for income generation projects in the community. Projects focused on genetic improvement of crops, strengthening social organization, implementing an agriculture-forest system and honey production improvement have been selected.

## Health

- Renovating and expanding the Daniel Gonçalves Municipal Hospital;
- Building five primary healthcare units;
- Providing all local Basic Healthcare Units (UBS) with the equipment required to properly serve the community;

## Culture and Urban Development

- Reopening the Culture Center;
- Agreement to build a Youth Square and a Culture Square;
- Erecting the Urban Development Institute (Idurb) building;
- Preparing the Master Plan;
- Preparing the Urban Mobility Plan;

More information

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