



The Mosaic Institute Activity Report 2021

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Introduction


Children helping harvest produce in Rosário do Catete (SE).

INTRODUCTION

USING TECHNOLOGY AS AN ALLY

2021 was a very challenging year. We were experiencing a critical moment of the pandemic, with many people throughout Brazil dying, and the immunization of the population just starting out. All of this coupled with extreme social isolation, remote work, and plenty of uncertainties. In such unfavorable circumstances and with all the sudden changes in our activities imposed during 2020, it took a lot of resilience and fortitude to make the decisions that would allow us to maintain our initiatives, which became even more necessary in our communities.

The pandemic tested our capacity to adapt. To reach out to communities under extreme duress, we resorted to technology as an ally to ensure our projects would come to life, even in the face of formidable challenges.



This report presents the activities offered in 2021, an exercise of citizenship that had a positive impact on thousands of people, at one of the most challenging moments in our recent history.

INTRODUCTION

LETTER TO SOCIETY

What best expresses the past year and the moment of The Mosaic Institute is the maturity of its projects. The enormous challenges of 2020 that remained in 2021 demonstrated our ability to bring our projects to life and deliver to those who need us very much.

Our results are not mere figures. They are found in the strategies of permanence and the ongoing concern to evolve and promote social development in vulnerable communities. What really matters to us is the extent to which we have managed to transform the lives of people, in a positive and lasting way. This consistency and progress was possible only because we dove head first into our purpose and build on our strategic journey, improving our governance and working closely with the Board of Management and the Advisory Board. We believe that Mosaic Fertilizantes has to be part of the local life and setting.

Our work focuses on three fronts: Recognize that the company is an integral part of the landscape of the locations where it is part; that regional differences are the starting point to design the strategy of any of our initiatives; we will use metrics aligned to the Sustainable Development Goals, or SDGs, of the United Nations' Agenda 2030.

In 2022 the spirit of the times is boldness. We will work to ensure The Mosaic Institute is increasingly transparent, is increasingly outward looking, and increasingly engages with other organizations of reference, creating partnerships with the clients of Mosaic Fertilizantes, their foundations and institutes, so that all of this translates into even more robust and overarching initiatives.

The Mosaic Institute's priority is to create value for our stakeholders. We are committed to transparency, working responsibly, and building relationships of trust with the communities, our partners, our sponsor, and society as a whole.

INTRODUCTION

LETTER TO SOCIETY

“ *Structured governance is critical to promote the positive social impact we strive in everything we do. 2021 represented a milestone in this regard. We have people strategically engaged on The Mosaic Institute going forward, so that our contribution is meaningful for the sustainable development of the country”.*

Arthur Liacre

Chairman of the Advisory Board of The Mosaic Institute

“ *Ethics and transparency are part of the legacy of private social investment made through The Mosaic Institute. We work to have a positive impact on the proper and fair dealing with all”.*

Murici Martins

Director of The Mosaic Institute

“ *To bring our focus on people and communities to life, we use management tools that transform our passion into ongoing, proactive, and constructive achievement. We roll up our sleeves together with those who are engaged in a more human society”.*

Paulo Eduardo Batista

Executive Director of The Mosaic Institute

“ *We are balanced and fast-paced minds and hearts. We always want more, and we do it in a planned, organized, and shared manner; especially we are always listening attentively in our territories. Our team is always watchful of the long-term commitments we have made”.*

Camila Bellenzani

Director of The Mosaic Institute

INTRODUCTION

2021 HIGHLIGHTS



8 million invested



ALIMENTAÇÃO

8,660

Direct beneficiaries

34,400

Indirect beneficiaries



23

Schools supported



16

Gardens planted and cared for



825

kg of food distributed



VILLAGE



40

Benefited families



↑ 230%

Increase in farmer income

WATER BIDDING PROGRAM



EDITAL DA ÁGUA

1,569

Direct beneficiaries – 2021/2022

ACCESS TO CLEAN WATER AND SANITATION



12

Projects concluded in 2020

15

Projects concluded in 2021

28,500

Liters/day of water and/or sewage treated

30.12

Liters/second of water collected for reuse or reused water saved



4,760

Trees planted



290

Trained educators



361

Hours of training/year



About us

Tapira (MG) volunteers in action.

Mosaic

Quando você
mais precisa
da gente.
nó

Caravel

RODAM
Voluntários
Mosaic Fermentantes

Mosaic

ABOUT US



AlimentAção Program – planting seedlings. Cônego Serapião Machado Municipal School, Rosário do Catete (SE).

MANAGEMENT AND THE PURSUIT OF RESULTS WITH AN INTEGRATED VISION

Help local communities transform and develop. This is the social role of The Mosaic Institute, which is active in 44 cities in Brazil and Paraguay as the social arm of Mosaic Fertilizantes. Over 14 years of its existence The Mosaic Institute changed and revamped its initiatives, yet it has maintained a sharp eye on locations with low Human Development Index (HDI). Expanding its reach year-by-year, today The Mosaic Institute already supports 85 communities in four of the five Brazilian regions: South, Southeast, Northeast, and Center-West.

The work of The Mosaic Institute is aligned with the strategy of Mosaic Fertilizantes. The way The Mosaic Institute engages with local communities is defined following in-depth studies of the impact of the company operations.

ABOUT US

The Mosaic Institute activities are divided into four main platforms:

- food;
- education;
- water;
- local development.

These platforms work in unison and are aligned with the Sustainable Development Goals (SDGs) of the United Nations' Agenda 2030.

The way platforms are managed ensures that the work and the results of all projects and programs have an integrated vision. This is because in everyday life, social, economic, and environmental issues are all interrelated and, many times, interdependent.



Paolla Carolina Melo School, built in the municipality of Tapira (MG).

ABOUT US

2021 PRESENCE

PROGRAMS PER PLATFORM

ALIMENTAÇÃO

ALIMENTAÇÃO

VILLAGE

BANCO DE ALIMENTOS

ÁGUA

EDITAL DA ÁGUA

EDUCAÇÃO

EDUCA

DESENVOLVIMENTO LOCAL

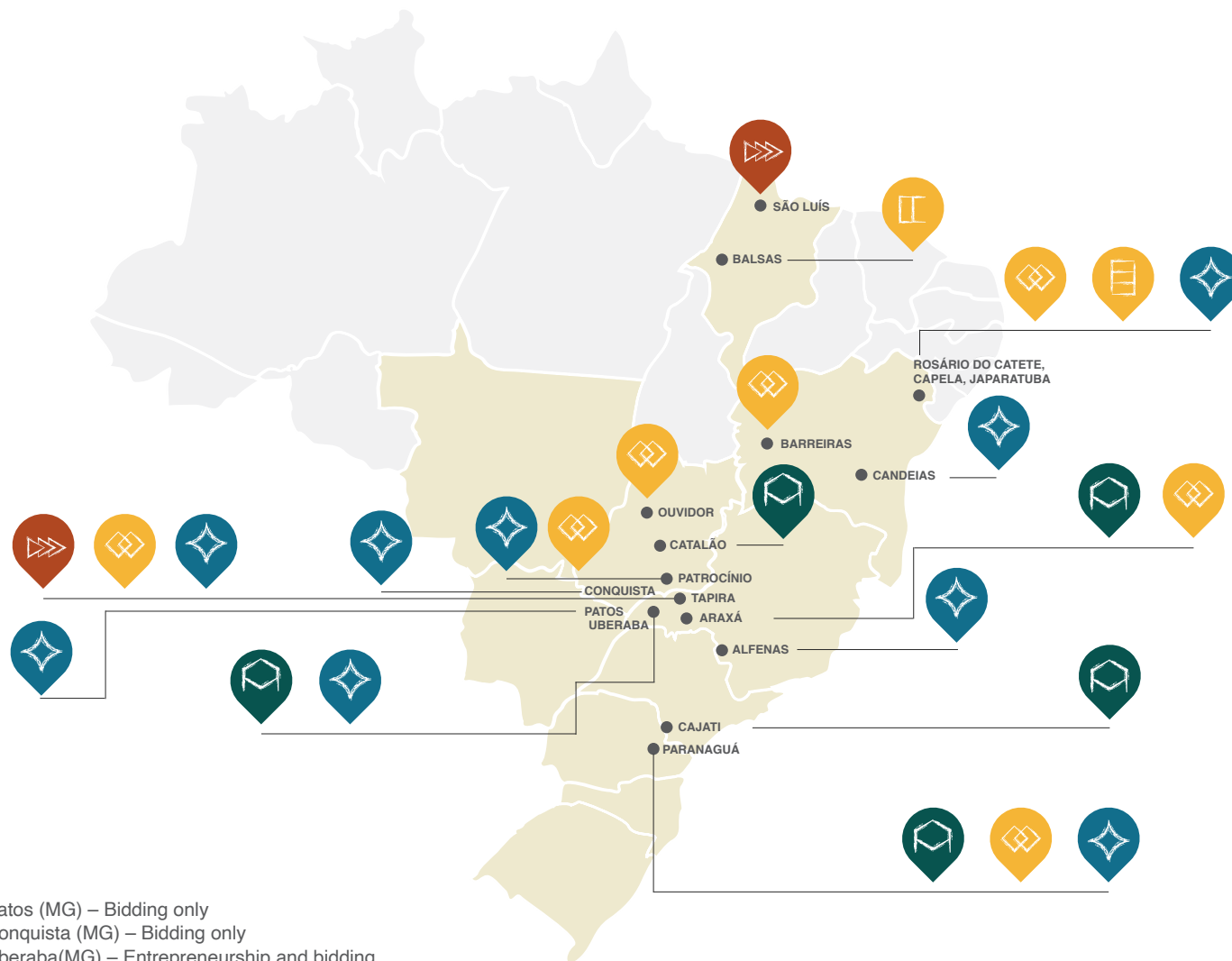
EMPREENDEDORISMO SOCIAL

PROGRAMA **Voluntários**
Mosaic Fertilizantes

7
Programs

18
Cities

31
Initiatives



Patos (MG) – Bidding only
 Conquista (MG) – Bidding only
 Uberaba(MG) – Entrepreneurship and bidding



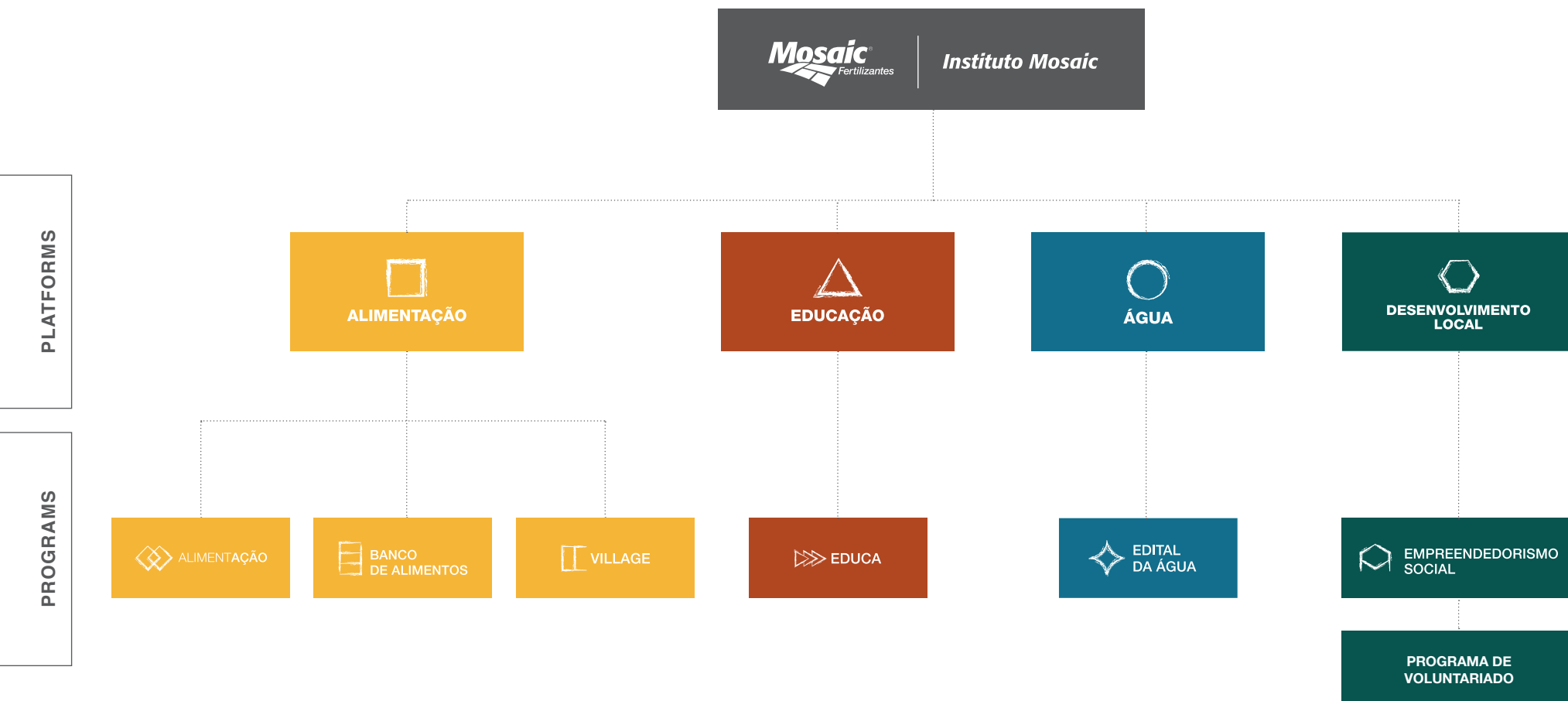
Results

Educates program in Candeias (BA).

RESULTS

OUR PROGRAMS AND RESULTS

The Mosaic Institute supported over 64,000 people and more than 250 organizations in 2021.



RESULTS

FOOD PLATFORM

This platform reflects the maturity of The Mosaic Institute's programs on three interconnected fronts, closing a virtuous circle of local prosperity. The connections include the Food Bank, which is associated with the family farming of the Village Program, which in turn is connected to the school lunches and the donation of food to the communities. Schools are also involved in the AlimentAção Program, under which school lunches include a comprehensive communication project, which prepares teachers and offers classroom content, all supported by the planting of school gardens.

These dynamics impact different stakeholders, promoting knowledge, encouraging new habits, and bringing opportunities for human, economic, and social growth and development. For Mosaic Fertilizers, working through The Mosaic Institute, all of this is more than a result. It is also the strategic basis for its Private Social Investment model.



AGENDA 2030 PRIORITIES



ALSO ADHERING TO THE PROGRAMS



RESULTS

FOOD



A country of continental size, Brazil has a wide range of food situations, waste and dearth, obesity and extreme hunger, lack of information, deficient infrastructure, and poor access to food. The Mosaic Institute has a clear vision of this picture, a strategic approach to less privileged territories, and a focus on bridging the social divide. Accordingly, it engages with schools using a program targeting health eating habits as an assertive path to social transformation.

The AlimentAção Program offers an educational and nutritional experience that prioritizes healthy and sustainable eating habits. It combines information, training, and initiatives to provide access to food produced locally, either in school gardens or in smallholding properties operated by families, which represents gains for everyone involved.



Planting seedlings in the vegetable garden of the Rei Davi daycare center, in Capela (SE), the first facility opened under the program.

RESULTS

FOOD

The Portuguese name of the program, AlimentAção, highlights the three fronts and the extent of the reach that encourages healthier eating habits, better health, and a food culture. The fronts are:

- **The experience of food and nutrition education;**
- **Communication and information;**
- **Individual, family, and community approach.**

From the classroom to the family, AlimentAção trains principals, teachers, and assistants to become multipliers of information on the importance of healthy and balanced eating habits. In parallel, whenever local conditions permit, the program plants school gardens, which have a two-fold purpose. Not only do they provide produce to diversify school lunches, but also act as learning tools. Any surplus is donated to the families of the students. The entire process is supported by local and state education and health authorities.



AlimentAção Program – planting seedlings at the Cônego Serapião Machado Municipal School, in Rosário do Catete (SE).

RESULTS



AlimentAção Program – Seedlings planted at the Cônego Serapião Machado Municipal School, in Rosário do Catete (SE).

THE ALIMENTAÇÃO PROGRAM

2019	2020	2021
Sergipe	Sergipe and Goiás	Sergipe and Goiás
2 municipalities	5 municipalities	4 municipalities
15 municipal schools	28 municipal and state schools	23 municipal and state schools
TOTAL: 4,437	TOTAL: 8,652	TOTAL: 8,660
3,760 students	7,769 students	8,015 students
319 teachers	435 teachers	411 teachers
25 canteen staff	31 canteen staff	28 canteen staff
251 families	417 families	206 families
82 health agents and community agents		

RESULTS

RETHINKING ENGAGEMENT COUPLED WITH TECHNOLOGY

The use of technology, which had proved effective in 2020, kept growing in 2021, not only enabling The Mosaic Institute to maintain its initiatives, but also to reach out to its many stakeholders, including managers, teachers, canteen staff, students, families, local and state agents, and AlimentAção technical staff.

After classroom activities were suspended because of the pandemic, The Mosaic Institute prepared robust teaching resources, including class plans, teacher activity books, physical education activity books, recipe e-book, a primer for growing food at home, a recipe booklet, a garden-care manual, video classes, and video storytelling. Everything was planned to encourage the involvement of the families.

The combination of digital tools, such as remote conference platforms, message apps, video-sharing channels, and social media, and creativity set the tone for the past year.



RESULTS

This involvement is illustrated by WhatsApp focal groups gathering canteen staff, families, and teachers. It started out with an effort to share guidance on healthy eating habits; however, after a nutritionist started having weekly question-and-answer sessions, involvement leaped.

Similarly, the “online cooking experience” was very successful as well. Staff underwent training on topics related to the program using cooking themes as a tool to share knowledge and build bonds. The goal was to use the teachers’ social networks to engage both students and their families. The recipes created by the families were shared and then compiled in an e-book.

To engage younger participants, the program launched a competition of short educational videos at participating schools, to celebrate the World Food Day. The five finalist students at each school received a prize, consisting of a basket with natural foods and a kitchen utensil. The winning video received a certificate and was published on Mosaic Fertilizantes’ YouTube channels, in addition to a R\$ 200 gift coupon. The schools, in turn, received a portable kitchen appliance to help them prepare food.

Students also took part in a learning activity to promote the use of vegetables at their homes. As part of this activity, Mosaic Fertilizantes distributed seeds, which the students planted to observe the growth of the vegetables.



640 interactions
in app groups

212 participants
in WhatsApp
groups

141 materials
shared

142 meetings
and lectures

2.325 YouTube
views (2020
and 2021)

1.505 WhatsApp
interactions
(2019 to 2021)

RESULTS

TESTIMONIALS



“ We see the change not only in their eating habits, but also in the way students love to work in the gardens. We see how they work and care for the gardens. At meal times, students no longer leave vegetables behind on their plates. Our goal is to create a school community and engage them in this work. We hope this project will last forever”.

Ildete Azevedo Dória

Adelina Matos Municipal School, Capela (SE)

“ I'd like to thank Mosaic for being so generous with our deprived community, which needs this food. The food basket came at a good time. They were going through a rough time, especially here because the families work at the sugar mills, which stood idle. Here at the daycare center, children have three meals a day”.

Elian Santos

Manager at the Rei Davi Daycare Center, in Capela (SE)

“ The healthy eating program has helped our work a lot, thanks to information we share with students and their families. It was very enriching because even during the pandemic we managed to reach out to students and their families... also emphasize that they enthusiastically welcomed this information and really reflected about their diets... they said how nice it was to make the best use of food and discover that fruits had vitamins and nutrients they ignored”.

**Prof^a Normeli
Aparecida da Silva**

A teacher at the Professora Ediene da Silva Dias Municipal School, in Ouvidor (GO)

RESULTS

VILLAGE



230% increase in farmer income

8 cisterns built

17 irrigation systems installed

40 families benefited in Barreiras (BA)

140 thousand liters of expanded water supply

The Village Program works in synergy with the Mosaic Fertilizantes principles of supporting food security and creating a positive impact in poor regions. Developed in partnership with The Mosaic Company Foundation, the Village Program connects the rural technical support, education, and access to water fronts to promote social progress in the field.

By supporting smallholders, especially families led by women, an aspect associated with gender vulnerability, the Village Program helps family farmers become more productive, increases access to water to grow food, supports school activities, and acts as a facilitator to help farmers take their products to the market.

After the smallholder properties are selected, they receive daily visits of a multidisciplinary team that supports them in growing their crops and increasing their earnings. This technical support is a unique feature and is provided through the Rural Technical Services (ATER). It supplements public policies and helps local territorial and economic development. The initiative also builds cisterns and irrigation systems that change the lives of the families that farm these properties.



Lourival, of the Mangabeira community
He shows the solution developed by the Mandú team to control pests.

RESULTS

DIGITAL INCLUSION



In response to the limitations imposed by the pandemic, in 2021 the Rural Technical Services (ATER) went online, expanding farmer support in a remote version. This provided tools to people with little access to and knowledge of digital resources.

When these farmers made greater use of their cell phones and message apps, both to receive technical guidance as well as to help them sell their crop surplus, they underwent a process of digital inclusion within the program. The success of this experience paves the way for the permanent use of apps in this program.

“*Having ATER online during the pandemic was very important, because we received information over the phone and text messages. Their tips helped us eliminate the insects by teaching us to prepare syrups that are not harmful to humans.*”

Luzinete

Rural Zona,
Barreiras (BA)



RESULTS

TESTIMONIALS



“*[The program] was very important because we learned about different ways of cultivating the soil using compact tractors and irrigation. This optimized the time we have for tending our crops. It helped us grow our vegetables and wise people gave us more knowledge so that we can improve every day.*”

**Vilma da
Silva Souza**

Taboa Vermelha community

“*We never received any technical support. The [water] tank was a wonderful benefit because now I can store water and irrigate my crops.*”

Aldo Anório

Nova Vida community

“*It was very gratifying for me; I’m missing the classes already. It was so nice to receive class notifications. The platform is magnificent as are the primers*”.

**Prof^a Kedma Sofia
Fonseca Aires**

Village Program Brazil,
Barreiras (BA) Educating
in the Garden

“*To you and the entire Mosaic team, who believed and invested [in the school], my thank you! I’m touched by the love, feelings, and greatness you brought us. The secretariat is at your disposal. Thank you!*”.

**Coord. Lucy
Coelho Lopes**

Village Program Brazil,
Barreiras (BA). Educating
in the Garden – the garden
program at the school of
the Barreiras Agriculture
Secretariat

RESULTS

FOOD BANK



This program includes the distribution of fruit and vegetables to poor populations. The Food Bank receives food from farmers (purchased with the simultaneous donation by the Food Acquisition Program, or PAA) or from partner donors, such as markets, wholesalers, or retailers. The idea is to collect all food that would otherwise be discarded (especially perishable and nonperishable food) using urban-harvest logistics in the food distribution chain (both retail and wholesale) and farm surplus fit for human consumption. All this food is simultaneously donated to people in vulnerable situations and/or facing food insecurity.

Food Bank activities also involve technical partnerships to enroll farmers in the National Family Farming Support Program (PRONAF) by completing the PRONAF Qualification Statement (DAP). This happened in the municipality of Rosário do Catete (SE), where an initiative was organized to collect food with little or no commercial value, but still fit for human consumption, to be donated to families experiencing food insecurity.

This is an innovative approach for food systems that contribute to health and food and nutritional security. It includes initiatives targeting food waste and loss.



RESULTS



**BANCO
DE ALIMENTOS**

**Designed to support
200 families, it expanded
to serve 600 families**

1

municipality
Rosário do Catete (SE)

49,354 kg

of food received

600

families benefited
regularly

R\$ 26,500

increase in income of farmers
with PNAE and PAA*

OUR PATH FORWARD

Our strategic plan for
2022 includes:

SE

Follow the AlimentAção
and the Food Bank
programs

MG

Maintain the AlimentAção
Program in Patrocínio and
start it in Araxá

GO

Maintain the AlimentAção
Program in Ouidor

BA

Expand the Village
Program in Barreiras

MA

Start the Village
Program in Balsas

Brasil

World Food Day 2022

RESULTS

WATER PLATFORM



By formalizing its commitment to reduce fresh water use by 20 percent per ton of product by 2025, Mosaic Fertilizantes takes a clear stand on its sustainable guidelines. This includes an alignment with the objectives of the United Nations' Agenda 2030 and the goal of ensuring the availability of this resources using efficient and innovative management.

The Water Bidding Program covers projects with potential for innovation and scalability, focused on:

- protecting headwaters;
- increasing water flow;
- implementing water and sewage treatment systems;
- reusing water;
- cleaning up permanent preservation areas;
- researching new conservation technologies;
- providing environmental training and education.

AGENDA 2030 PRIORITIES



ALSO PART OF THE PROGRAMS



RESULTS

WATER BIDDING PROGRAM

This platform is implemented through a bidding program. Since its first edition, in 2019, the initiative supported 36 projects in 13 municipalities of six Brazilian states, investing over R\$1.5 million so far.

The importance of the bidding program is illustrated by its performance indicators since its introduction. The projects selected in the last edition will be concluded in mid-2022 and its results announced in the report for the next cycle. This report presents data on the first and second editions of the bidding program in a consolidated form, to provide easier analysis of the results over this period.

We call attention to the number of people benefited, directly and indirectly, by the projects and the building of water and sewage treatment systems that improved their lives. We also observe a significant improvement in social technologies and projects involving reuse, which suggests processes are innovating.

**A principle of
The Mosaic Institute
is to work to multiply
knowledge and initiatives
that result in human,
social, and economic
development and growth.**



Recovering springs and vegetation of the Permanent Preservation Area (APP) in Parque do Paço, in Uberaba (MG).

RESULTS



THE WATER BIDDING PROGRAM – 2019 TO 2020

Edition	Year	Conclusion	People benefited directly with access to clean water and sanitation	People engaged in environmental education and joint efforts to clean up areas and plant trees	People benefited indirectly by the project (medium and long-term estimate)
First	2019	2020	143	1,770	
Second	2020	2021	1,426	559	614,784

Edition	Year	Conclusion	Social technologies* implemented	Water or sewage treatment system installed	Treated water and/or sewage (liters/day)	Water collection and reuse system	Water collected for reuse or water saved because of the technology (liters/second)
First	2019	2020	8	25	15,000	2	
Second	2020	2021	17	16	28,500	7	30.12

Edition	Year	Conclusion	People trained in the use of social technologies	People trained in sustainable water-management practices (environmental education activities, introduction of social technologies)	Hours of training (workshops, courses, lectures, etc.)
First	2019	2020	85	1,455	
Second	2020	2021	211	3,138	192

RESULTS

THE IMPORTANCE OF PRESERVING THE SOIL



A critical aspect that is shared by many projects is recovering riparian vegetation by planting trees and conserving the soil. In this regard, we highlight that in a single cycle of the program over 5,000 trees were planted. Even more impressive is having 6,272,062 square meters of soil conserved in the 2019 and 2020 editions.

It is important to understand the direct relationship between preserving groundwater and ensuring soil nutrition. Conservation ensures soil is suitable for crops, with rainwater penetrating the soil and replenishing the aquifers, a process that returns water to its natural course.



Restoration of the spring that feeds Córrego Feio, in Araxá (MG).

Edition	Year	Conclusion	Recovered springs	Area of soil conserved (square meters)	Trees planted
First	2019	2020	4	45,491	1,203
Second	2020	2021	20	6,272,067	5,264

RESULTS

WATER OR SEWAGE TREATMENT SYSTEMS



The volume of treated water or sewage leaped from 15,000 liters/day in 2019 to 28,500 liters/day, in spite of a reduction in the number of water and sewage treatment systems, as a result of the implementation of systems with higher capacities, which serve a larger number of people.

2019

15,000 liters/day

25 systems installed

2020

28,500 liters/day

16 systems installed

↑
greater efficiency of the system/liter

Edition	Year	Conclusion	Partnerships with public authorities	Partnerships with civil society organizations	Partnerships with universities	Partnerships with public schools	Theses and dissertations
First	2019	2020	6	6	4	4	3
Second	2020	2021	10	7	14	9	5

RESULTS



PARTNERSHIPS ARE PART OF THE WORK

A relevant indicator of the work of The Mosaic Institute through the Water Bidding Program is how partnerships with public authorities have evolved. From one edition to the next, or 2019 to 2020, this number nearly doubled. The importance is due to the fact that the entire process of social transformation and local development requires the engagement of public authorities and the frequent sharing of public facilities.



RESULTS

THE TRANSFORMATION BEHIND THE METRICS



The results of the Water Bidding Program are perceived through the transformation produced in the communities.

**+ 600,000
people**

benefited directly and indirectly in two editions

BARREIRAS (BA)

A project developed by the Federal University of Western Bahia (UFOB) in Barreiras (BA) called “Reducing the Water Footprint: Developing 3D prototypes for micro-irrigation to reduce water footprint in the banana crop in western Bahia” demonstrated that the use of technology can save up to 30,000 liters a day per hectare.

Using fast prototyping processes, 3D-printed micro-irrigation prototypes provided uniform water distribution for the banana crop. In the experiment, 100 banana tree saplings were planted in UFOB’s farm. An irrigation system was installed consisting of ordinary drip-irrigation acting as a control and three 3D prototype systems, featuring different flows (87 liters/hour, 78 liters/hour, and 48 liters/hour). The results showed that the 3D prototype with the smallest flow (thus the highest savings) allowed full plant growth without jeopardizing the quantity or the quality of the fruit. This solution can potentially be replicated in any other crop.

The details and the results of the project were compiled in a documentary available at:



www.youtube.com/watch?v=dFdBJw0S2ug

RESULTS



30,000
liters of water
saved a day

90%
of water use
efficiency

Social impact

150 kg
of bananas produced
during the project
were donated

Banana plantation in the project to reduce the water footprint in Barreiras (BA).

RESULTS

SORRISO (MT)

The Friends of the Earth Association in Sorriso, state of Mato Grosso, headed the “Water Production in the Lira River Basin” project. The objectives included training 40 local technicians in water source restoration, knowing the actual flow of the Lira River (by using a water-flow floater at two points), building contour lines and containment basins, and installing 300 vertical drains to accelerate the recharge of the water table at 15 springs of the Lira River basin, which flows by the city of Sorriso (MT).

66,000

people benefited with access to clean water or sanitation

11

springs recovered

40

trained in organization



Water production in the Lira River basin (MT).

RESULTS



ANÁPOLIS, CATALÃO, OUVIDOR AND RIO VERDE (GO)

The name of the project, “Water, education, and food: chatting about urban vegetable gardens in schools,” illustrates the great alignment of the initiative to the bidding program. Developed by the Federal University of Goiás (UFG) and the Research Support Foundation, this initiative focused on environmental education initiatives by planting urban gardens with integrated irrigation systems using collected rainwater at four schools of the public school system at the above cities.

4 units

benefited with rainwater collection or sanitation systems

173.40

square meters of soil conserved and converted into farmland

55,000

liters of rainwater* collected and reused

* Average rainfall for the month / roof area / number of days of operation of the rainwater collection system. Estimate for the October to January period.

Social impact

1,700

people benefited with access to clean water or sanitation

4 municipalities

benefited with access to clean water or sanitation

833

people benefited with quality food grown at the school gardens

150

families benefited with food grown in the gardens



Chatting about urban vegetable gardens in schools.

RESULTS

SÃO PAULO (SP)

The importance of this project is to mitigate the problems resulting from unchecked growth of cities and poor water and sanitation infrastructure.

The project called “Cuidando das Águas: sanitation and environmental education in the far south of the municipality of São Paulo,” developed by the Environmental Institute, brought resources to expand treatment capacity of an existing system at the Pequeno Príncipe Community Association.

The initiative not only served directly 150 children in this daycare center but also built an ecological biodigester to treat sewage, which included the capture of biogas for use at the Pró Brasil, an NGO focusing on environmental education and which serves 50 students a week. At the same time, the project extended environmental education to the communities by producing an online course on ecological sanitation.

1.45 tons

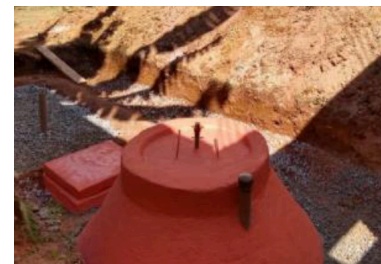
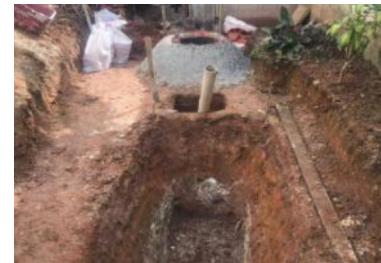
less organic
pollutants

350

people benefited with
access to clean water
and treated sewage

16,500

liters of sewage
treated



Ecological sanitation and education environment in the extreme south of São Paulo.

OUR PATH FORWARD

Our strategic plan for 2022 includes:

- Launch the Water Bidding Program
- Select 15 new projects
- Follow the projects of the prior edition (2021/2022)

RESULTS

EDUCATION PLATFORM



Education is always a catalyst for social transformation. This is why education is one of the pillars of The Mosaic Institute, which is also connected to the other platforms that pursue, under an integrated vision and management, stronger initiatives targeting the development of people and the improvement of their lives.

Additionally, thinking about and pursuing solutions based on the ecosystem has been one of the good practices of both companies and organizations committed with the SDGs. Thus, by promoting learning opportunities, The Mosaic Institute has taken a stand on a sustainable future, confident that changes must take place from the ground up, which is education. Accordingly, the Educates program promotes the education of children, encouraging reading, training teachers, and reorganizing school facilities.



Students at the Albertina Dias School, in Candeias (BA).

AGENDA 2030 PRIORITIES



ALSO PART OF THE PROGRAM



RESULTS

MOSAIC EDUCATES

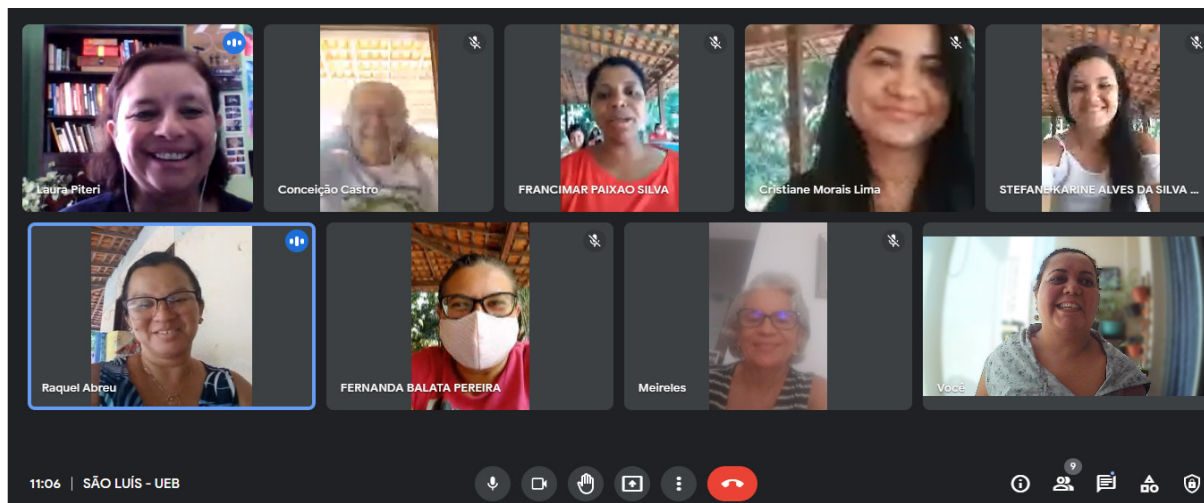


In the face of an adverse situation imposed by the pandemic, under which families struggled against isolation in regions with little or no remote learning resources, the ability of the program to adapt to these new circumstances was what really stood out during the 2020 and 2021 cycle.

The program started out by listening to educators to find the best alternatives to reach out to them digitally. This suggested that the best way would be for create groups in the Telegram app. This instant-messaging tool is the only one that can store and share documents using mobile devices.

Selecting an application was a strategic decision. It should be pointed out that for low-income populations, the cell phone represents the only access to the digital environment. They feel this impact both when buying the handset and when paying for broadband internet access.

Accordingly, the Telegram app represented the best alternative to maintain the reading program. It helped material and information reach multipliers – i.e., the coordinators, pedagogues, and teachers of participating schools – and its target audience – parents and pupils enrolled in early childhood education (aged up to five).



Virtual training for teachers in São Luiz (MA).



The involvement of the family in reading children's books and tell stories was critical to encourage this habit in their homes.



Maria Josenilda and her students.

RESULTS

Migrating to a remote version, with the approval of The Mosaic Institute, enabled the program to continue during the pandemic and helped train education professionals in the use of technological resources under different circumstances. Indirectly, this helped them develop their digital competencies.

ADAPTING AT HOME

Encouraging children aged up to five – who have not yet learned how to read and write – to read demanded the active involvement of their parents.

If before the pandemic this work took place in the classroom, during 2020 and 2021 parents or those in charge of the children had to become the replicators of these activities.

RESULTS

REORGANIZING SPACES



Regarding the reorganization of school spaces in 2021, even under the effects of the pandemic, the Educates Program managed to enter a partnership with the Municipality of Tapira (MG) to build the Paolla Carolina Melo School, designed to serve 270 middle-school students.

Thanks to this initiative, in the 2020 and 2021 cycles the program reached out beyond Tapira to the municipalities of Candeias (BA) and São Luís (MA) to train 290 educators in 361 hours of courses.



Jesuíta Rodrigues and Edinalva Vilas Boas in action in the Educates Program, at the Paolla Carolina Melo School, in Tapira (MG).

OUR PATH FORWARD

Our strategic plan for 2022 includes:

MA

Continue the program in São Luís

MG

Continue the program in Tapira

Align the Educates Program with the AlimentAção Program: reading supports understanding about health, nutrition, and environmental education.

RESULTS



3 municipalities

Candeias (BA), São Luís (MA)
and Tapira (MG)

361 hours

of training per year

290

educators trained

1

school built
Tapira (MG)



Paolla Carolina Melo School, built in Tapira (MG).

RESULTS

EDUCATOR TESTIMONIALS



“ *These readings resulted in participants becoming familiar with new authors and gaining pleasure from reading other others already known to the readers. At first, I was daunted by the course proposal, I felt it would be tiresome..., but when I started interacting with the course, I concluded it was amazing... Waking up every day to an interesting reading activity, with innovative reflections for our inner selves, is not for everyone... I feel privileged...”*

Teresa Sousa
Candeias (BA)

“ *I loved it from the outset. This is an interesting and well-prepared activity that provides a lot of knowledge and learning, in addition to opportunities for new ideas and ways of learning, such as through a Telegram group, which offered a lot of learning opportunities to put into practice. I would like to pursue this experience of Mosaic and Telegram.”*

Ana Paula Chaves
Candeias (BA)

“ *The literary café, the digital tips, the challenges, the forms, it all helped us gain new knowledge every day. And all this knowledge is already reflected positively to help us improve our practices in the classroom, also helping the learning experience of our students. One of the practices we employed at our school, following the Mosaic course, was the reading project, which was warmly welcomed by our community, our students.”*

**Cristiane
Morais Lima**
São Luiz (MA)

“ *I really liked the suggestion of combining reading mediation with digital media, which are present in our lives and will not change. We'll have to learn to deal with these tools, with these devices, because they came to stay. Society itself and our routines increasingly demand understanding and knowledge about this. That's why I felt it very interesting.”*

**Célia Coimbra
Salomão**
São Luiz (MA)

RESULTS

LOCAL DEVELOPMENT



Two of the principles defined by Mosaic Fertilizantes for the work of The Mosaic Institute are clearly part of the Local Development platform. The first is that the company is part of the landscape. The second is that regional situations are the starting point for the work of The Mosaic Institute, which to support this commitment relies on tools such as social entrepreneurship and social technologies. In order to empower vulnerable groups and territories, the program coordinated by The Mosaic Institute works directly with initiatives already in place at the locations where Mosaic Fertilizantes is active.



Food delivery logistics in the rural zone of Catalão (GO), handled by Mosaic Fertilizantes volunteers.

RESULTS



DESENVOLVIMENTO LOCAL

The process includes identifying the profile of local organizations and their needs. This helps The Mosaic Institute define how it will contribute to develop their potentialities, which happens through entrepreneurial education and business acceleration.

Many of the initiatives focus on encouraging a strategic vision and the implementation of management tools that will have direct impact on the performance of these organizations. Since 2020 the program has been improving the recycling of solid residues, with significant results that have transformed the lives of people and local circumstances.

RESULTS

VOLUNTEERING SECOND CYCLE OF DONATIONS



In May 2021, with the engagement of 138 volunteers and 67 retailers, The Mosaic Institute organized the second cycle of community support in the fight against Covid-19. The first took place in 2020.

With investments of R\$ 2 million, NGOs and families received 12,666 staple food baskets, a total of 311 metric tons of non-perishable foods and 1,950 items of medical supplies.

48,075
people

151
institutions

24
communities



RESULTS



“The food basket was nice and generous, with everything a homemaker needs. This shows that they have put a lot of love in it. Thank you very much!”

Maria José

a beneficiary
of Casa da Menina,
Patrocínio (MG)

RESULTS

THE EVOLUTION OF COOPERATIVE MANAGEMENT

The key results obtained with the support of The Mosaic Institute are felt in more efficient and organized management and better managerial perspective at the cooperatives. In 2021 this was confirmed at the Cajati Recycling Cooperative (COORECA), in Cajati (SP), which saw less collectors leave the cooperative and increased the number of active cooperative members.

With members staying longer, they received more training, which in turn increased the volume of recycled material processed. Better material sorting, more material recycled, and, as a result, higher earnings for all.

Better management practices in 2021 was reflected in the volume of material COORECA processed, which increased by 61 percent, resulting in more earnings being distributed to cooperative members. Whereas in 2020 average payment was R\$ 300, in 2021 this leaped to R\$ 700, a 233 percent increase. Since under this management practice income is tied to performance, some cooperative members received as much as R\$ 1,700.



RESULTS



23

COORECA active members

61%

increase in the volume of material sorted over one year

221,000 kg

of material sorted on average during the year

233%

Is the impact on the average earnings per cooperative member (from R\$ 300 to R\$ 700 per month)

We should also point out that when a recycling cooperative is better organized, the social and environmental benefits provided to the city are enhanced as well. In the first six months of its existence alone, COORECA properly recycled 139 metric tons of material. Thus, The Mosaic Institute supports cooperative members earnings and helps the city manage its residues and mitigate impact on landfills.

RESULTS

NEW COOPERATIVES

Based on the successful experience at COORECA, three other projects were selected at cooperatives in the city of Paranaguá (PR). In 2021 The Mosaic Institute carried out the necessary diagnosis of the local collection system. At this time, these three cooperatives met with members of COORECA to exchange experiences. The next steps include building a business plan and improve the collection of recyclable material, supported by the synergy of the local ecosystem.

In line with strategic guidelines, the objective of the Local Development pillar is replicate this social technology at other locations.



RESULTS

TESTIMONIALS



“2021 was a good year. We managed to earn more. We made many plans to improve. It was much better for all of us. We already feel the improvements for 2022. But we must not let our plans fail. Looking back at what we had three years ago, we are nearly at 100%.”

Eleodora Costa dos Santos
COORECA manager



“It sure got better. We are more organized and can solve our problems better. This was part of our goals. Once we were better organized, we would make major adjustments, which is what is happening now.”

Alexsandro da Costa
COORECA member

OUR PATH FORWARD

Our strategic plan for 2022 includes:

SP
Follow up on COORECA

PR
Continue cooperative program in Paranaguá (PR)

Brasil
Volunteer Program



Instituto Mosaic

The Mosaic Institute would like to thank all those who contributed to the 2021 Activity Report. This represents a lot of people, from the coordination that guides our team of specialists to those who are the main motivation for our work. The period covers from January 1 to December 31, 2021.

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