



wash 2022
unicef  ACTIVITIES REPORT

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LIST OF ACRONYMS

- ABC:** Brazilian Cooperation Agency
- ACE:** Endemic Control Agents
- ACS:** Community Health Agents
- Adra:** Adventist Development and Relief Agency
- Aisan:** Indigenous Person Sanitation Agent
- Caer:** Roraima Water and Sewage Company
- Cagece:** Ceará State Sanitation Company
- Casai:** Indigenous Peoples Health Center
- CERH:** Amazonas State Water Resources Council
- CGTT:** Tikuna Tribe General Council
- CIR:** Roraima Indigenous Council
- CMSB:** Municipal Council for Basic Sanitation of Belém/PA
- CN:** Northeast Consortium
- Coiab:** Coordination of Indigenous Organizations of the Brazilian Amazon
- CSST:** South-South Trilateral Cooperation
- DPE/RR:** Public Defender's Office of the State of Roraima
- DSEI:** Special Sanitary Districts for Indigenous Peoples
- DSEI/AMP:** Amapá and Norte do Pará Special Sanitary Districts for Indigenous Peoples
- DSEI/ARN:** Alto Rio Negro Special Sanitary Districts for Indigenous Peoples
- DSEI/ARS:** Alto Rio Solimões Special Sanitary Districts for Indigenous Peoples
- DSEI/RT:** Rio Tapajós Special Sanitary Districts for Indigenous Peoples
- DSEI/YAN:** Yanomami Special Sanitary Districts for Indigenous Peoples
- DSEI-L/RR:** Leste de Roraima Special Sanitary Districts for Indigenous Peoples
- ETT:** Emergency Technical Team
- Esaro:** UNICEF'S Eastern and Southern Africa Regional Office

EZ: UNICEF's Zone Office

Fepipa: Indigenous Peoples of Pará Alliance

FT: Brazilian Army Task Force

Funasa: National Health Foundation

IFRR: Roraima Federal Institute of Education

Lacen/RR: Central Public Health Laboratory of the State of Roraima

Lacro: UNICEF's Latin America and the Caribbean Regional Office

MoU: Memorandum of Understanding

MoH: Ministry of Health

SDG: Sustainable Development Goals

PwD: Persons with Disabilities

IPC: Infection Prevention and Control

PDSA: District Plan for Indigenous Water Security

Pitrig: Interiorization and Screening Station

PSA: Health and Happiness Project

SAB: Brazilian Semi-Arid

SAC: Alternative Collective Solution of Water Supply for Human Consumption

SCIDADES: Ceará State Cities Office

Sema: Amazonas State Environment Office

Semtepi: Municipal Labor, Entrepreneurship, and Innovation Office of Manaus/AM.

Senai/RR: National Service of Industrial Training of the State of Roraima

Sesai: Special Department for Indigenous Health

Sisar: Rural Sanitation Integrated System

Siwi: Stockholm International Water Institute

SMS: Municipal Health Department

Suest: Funasa State Superintendence

SVS: Health Surveillance Department

TAM: Legal Amazon Territory

UBSI: Basic Unit for Indigenous Health

UFRR: Federal University of Roraima

UNICEF: United Nations Children's Fund

Vigiagua: National Programme for Surveillance the Quality of Water for Human Consumption

WASH: Water, Sanitation and Hygiene

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1. SUMMARY

Access to safe drinking water and sanitation is a human right recognized by the United Nations in 2010 and basis for the implementation of other rights, considering, among others, the promotion of health, quality of life, social well-being, and reduction of inequality.

In this sense, it is noteworthy that the United Nations Children's Fund (UNICEF) is one of the global leaders in the Water, Sanitation and Hygiene (WASH) sector and works in more than 100 countries to support improvements focused on access to safe drinking water and sanitation to children, adolescents, and vulnerable populations. As well as to promote hygiene practices in urban and rural areas, including in situations of emergency, in view of the Sustainable Development Goals (SDGs), especially SDG 6 which aims **to achieve universal and equitable access to safe and affordable drinking water, as well as sanitation and hygiene for all, paying special attention to the needs of women and girls and those in vulnerable situations.**

In Brazil, from a WASH perspective, UNICEF works to support the development and implementation of public policies in the most vulnerable territories, **with special emphasis on WASH services in schools, for traditional peoples and communities and strengthening the capacities of municipalities** located in Legal Amazon Territory (TAM) and Brazilian Semi-Arid (SAB).

In 2022 UNICEF Brazil's WASH actions **had an impact on around 2 million people** (46% of them children), focusing on behaviour change initiatives for handwashing, at Legal Amazon Territory (TAM) and Brazilian Semi-Arid (SAB). In addition, **over 160,000 children have benefited from improved WASH facilities** in over more 500 schools across 35 municipalities, including **more than 63,000 women and girls with access to menstrual hygiene services.**



Work was also carried out aimed at **traditional peoples and communities**, in partnership with the Special Department for Indigenous Health of the Ministry of Health (Sesai), Coordination of Indigenous Organizations of the Brazilian Amazon (Coiab), the Tikuna Tribe General Council (CGTT), Roraima Indigenous Council (CIR), Federação dos Povos Indígenas do Pará (Fepipa), Wokoboron Association, Peabiru Institute and Special Sanitary Districts for Indigenous Peoples (DSEIs). Actions were implemented to **improve access to safe drinking water in 63 indigenous communities, including 59 Basic Units for Indigenous Health (UBSI), and the strengthening of strategies for monitoring the quality of water for human consumption in the states of Amazonas, Pará, Roraima and Amapá, benefiting more than 15,000 indigenous people of different ethnic groups**, including the training of 381 health professionals from various DSEIs and implementing partners in Infection Prevention and Control (IPC). For the development of these projects, priority was given to the use of climate resilient technologies by using solar-powered water collection systems, aiming to guarantee water security in villages affected by extreme hydrological events, intensified by climate change.

For the UNICEF Municipal Seal of Approval agenda the third WASH course was made available, which addresses the issue related to the human right to safe drinking water and sanitation, national policies on basic sanitation, and promotion of hand hygiene, menstrual dignity, and gender equality. In 2022, **more than 10,400 health, social assistance and education professionals working in UNICEF Seal municipalities received training**.

Efforts in advocacy and coordination for the WASH sector in Brazil made it possible to formalize **key partnerships with governmental and non-governmental institutions, aiming the development and collaboration in technical aspects for the strengthening of WASH public policies aimed at children, adolescents, and vulnerable communities**. With emphasis on actions with the National Health Foundation (Funasa), Special Department for Indigenous Health (Sesai/MS), Health Surveillance Department (SVS/MS), Stockholm International Water Institute (Siwi), Health and Happiness Project (PSA), Roraima Water and Sewage Company (Caer), Public Defender's Office of the State of Roraima (DPE/RR), National Service of Industrial Training of the State of Roraima (Senai/RR), Municipal Government of the City Belém/PA, Amazonas State Government, Northeast Consortium (CN) and Special Sanitary Districts for Indigenous Peoples (DSEIs) located in the states of Amazonas, Pará, Roraima and Amapá.

For the response agenda to the Venezuelan migratory emergency, UNICEF co-leads the WASH sector in the Inter-Agency Coordination Platform for Refugees and Migrants from Venezuela (R4V), at the national level and in the Working Group in Roraima. **The WASH actions developed by UNICEF had an impact on around 35,000 migrants and refugees** in the states of Roraima, Amazonas and Pará, in shelters, informal settlements and in indigenous communities that receive migrants by providing them with an adequate water supply, access to sanitation, promoting of cleaning, hygiene, and menstrual hygiene practices, solid waste management and through the donation of materials for cleaning and disinfecting environments.

In this context, it is noteworthy, that **UNICEF's engagement in the WASH agenda is focused on the human right to access to safe drinking water and sanitation**, considering that the survival, protection and development of children are universal imperatives for development, and indispensable to human progress. This activities report seeks, therefore, to describe the main WASH strategies and actions developed by UNICEF Brazil in 2022, in defense of the rights of children and adolescents.

2. PURPOSE

This document aims to describe the main strategies actions developed by the UNICEF Brazil WASH team and its partners in 2022.

3. MAIN STRATEGIES AND ACTIONS DEVELOPED IN 2022

3.1. Coordination of the Sanitation Sector, Public Policies and Advocating

3.1.1 Intersectoral Articulations

- **National Health Foundation (Funasa):** Signature of a Memorandum of Understanding (MoU) regarding a WASH Technical Cooperation in Brazil, including the following themes, focusing on communities vulnerable to waterborne and vector diseases: / Municipal Sanitation Plans; WASH in schools, Ecological Alternatives in Sanitation Systems, Access to safe drinking water to human consumption, Water Safety Plan (WSP); Emergencies (Health risk management in situations of vulnerability); Training of human resources; and Development of strategic technical cooperation, within the scope of Funasa and its respective State Superintendencies (Suests) and UNICEF and its respective Zone Office (EZ).
- **Special Department for Indigenous Health (Sesai/MS):** Negotiations for signing a MoU, in view of work processes aimed at resilient and sustainable systems and alternative solutions for water supply for human consumption; Simplified technologies for promoting healthy environments, related to solid waste management and sanitary sewage; Training of professionals from Special Sanitary Districts for Indigenous Peoples (DSEIs), including Indigenous Sanitation Agents (Aisans); Development and implementation of Water Safety Plans (WSP); and Emergency and disaster risk management , within the scope of action of Sesai and its respective DSEIs and UNICEF and its respective Zone Offices (EZ).
- **Health Surveillance Department (SVS/MS):** Articulation with the National Programme for Monitoring the Quality of Water for Human Consumption (Vigiagua), aiming to strengthening actions within the scope of the Operation Welcome and the sharing of good practices regarding the South-South Trilateral Cooperation in WASH.
- **Stockholm International Water Institute (Siwi):** Implementation of the [WASH BAT](#) methodology, regarding the WASH Bottleneck Analysis Tool in the provision of WASH services, considering the challenges for providing them in schools, associated to climate change, focusing on the municipality of Careiro da Várzea/AM.
- **Agenda 227 – Prioridade Absoluta para Crianças e Adolescentes:** Participation on the Working Group on Sanitation + Water Resources + Access to Power Grid Connection and preparation of proposals to strengthen public policies related to the rights of children and adolescents presented to 2022 Presidential Candidates.
- **Instituto Trata Brasil:** Participation in events organized by the Institute and in the podcast “*Falando de Saneamento*”.
- **Health and Happiness Project (PSA):** Partnership signed for the implementation of WASH projects aimed at traditional communities affected by illegal mining in the state of Pará.
- **Funasa State Superintendence in Roraima:** Partnership with the SaneaHRR project aiming at improving access to safe drinking water, carrying out training in WASH and health promotion for Community Health Agents (ACS), Endemic Control Agents (ACE) and education professionals in the municipality of Rorainópolis/RR.

- **Roraima Water and Sewage Company (Caer):** Partnership to support the supply of water for human consumption on an emergency basis, via water truck to 15 informal settlements in Boa Vista/RR. In 2022, around 650,000 liters of safe drinking water were distributed per month, benefiting approximately 2,500 people per month.
- **Public Defender's Office of the State of Roraima (DPE/RR):** Bearing in mind that the water supply via water truck was an emergency solution, UNICEF worked with DPE/RR to guarantee the access to safe drinking water, through the supply network for migrants and refugees living in informal settlements in Boa Vista/RR. The partnership with DPE was the foundation for an agreement between Caer and DPE/RR to regulate the water supply in eight informal settlements in Boa Vista/RR, benefiting around 1,000 people.
- **Environmental Health Surveillance in the Municipality of Belém/PA:** Articulation for the inclusion of institutions assisted by UNICEF's Child Friendly Cities Initiative (CFCI) in the Vigiagua programme. Currently, the programme is monitoring water quality in schools that are part of the CFCI initiative in Belém/PA.
- **Amazonas HUB SDG:** Participation in this initiative's meetings, which is part of UN's Global Compact in Brazil as a tool to increase its regional performance and generate more impact from the SDGs' perspective.
- **Amazonas State Water Resources Council (CERH):** Participation as a guest member at the CERH bimonthly meetings to discuss actions related to the coordination of the sector in the state of Amazonas.
- **European Parliament:** Strengthening the dialogue on indigenous land, traditional peoples and water security in the Amazon with members of the European Parliament who had been in Brazil, visiting Amazonian communities.
- **Technical visit of CEOs to the state of Amazonas:** Technical support to the PFP team in the CEO's Mission to the state of Amazonas, which was attended by representatives of the private sector while visiting the Paraná da Terra Nova community, located in a riverside rural zone in the municipality of Careiro da Várzea/AM. The initiative visited is part of the Água Boa Project, a partnership between UNICEF and Amazonas State Government that aims to promote access to safe drinking water in schools and indigenous and riverside communities in the state.
- **Youth Challenge Project:** Support to the Um Milhão de Oportunidades (1MiO) initiative and the area, and the adolescents in the implementation of the project, considering the WASH theme and climate change, in partnership with the company Águas de Manaus, the Rede Amazônia Foundation, and the Municipal Labor, Entrepreneurship, and Innovation Office of Manaus/AM (Semtepi)
- **Municipal Council for Basic Sanitation of Belém/PA (CMSB):** Technical support to the creation of the CMSB in Belém/PA. The installation of the CMSB took place in November 2022, at Casa ONU/UN Brazil, with the participation of government agencies and civil society organizations.
- **Municipal Health Department of Belém/PA (SMS/Belém):** In partnership with SMS/Belém, UNICEF renovated a room where the first laboratory for analyzing the quality of water for human consumption in Belém/PA will be set up, bearing in mind the donation of the equipment and inputs from the Inter-American Development Bank (IADB).
- **Northeast Consortium (CN):** Technical meetings held between the UNICEF and CN's WASH focal points in the first half of 2022 aiming at discussing opportunities and synergies focused at strengthening of public policies related to improving access to safe drinking water and sanitation in the Brazilian Semi-Arid region, considering municipalities enrolled in the UNICEF Municipal Seal of Approval.



Meeting with the state secretary for the Environment and the president of the Amazonas State Water Resources Council, Manaus/AM – February 2022.



Meeting with the president of Caer for negotiations on water supply in informal settlements where Venezuelan migrants and refugees live, Boa Vista/RR – March 2022.



Articulation between DPE and Caer to connect informal settlements to the public network of water supply for human consumption, Boa Vista/RR – December 2022.



Presentation of the proposal to create the CMSB to the mayor and the municipal secretaries of Belém/PA – March 2022.



Meeting with Funasa's president and board to formalize the signing of a Memorandum of Understanding between the institutions, Brasília/DF – June 2022.



Meeting with PSA coordination and indigenous leaders of the Munduruku people, Santarém/PA – June 2022.



Meeting with Members of the European Parliament and PSA representatives, Santarém/PA – July 2022.



CEOs visit to the Paraná de Terra Nova community, located in the rural area of Careiro da Várzea/AM – August 2022.



Amazônia WASH BAT Workshop, organized by UNICEF Brazil and Siwi, Manaus/AM – December 2022.

3.1.2. Response to the Venezuelan Migration

- WASH sectoral co-leadership, nationwide (R4V Platform) and in the Working Group (WG) in Roraima: organization of monthly meetings with the respective partners involved, both governmental and non-governmental.
- Preparation and promotion of orientation guide to subsidize the work of WASH monitors in the shelters of the Operation Welcome and in informal settlements.
- Distribution of approximately 117,715 liters of sodium hypochlorite, used for cleaning and disinfecting environments, benefiting approximately 21,491 people in official shelters, informal settlements and civil society shelters, in Boa Vista/RR and Pacaraima/RR.
- Advocating for carrying out water quality monitoring on the Operation Welcome facilities and civil society shelters, including articulation for donation of 400 reagents (Colillert) to the Central Public Health Laboratory of the State of Roraima (Lacen/RR) and Vigiagua Boa Vista/RR, as well as carrying out 283 sample collections for monitoring the water quality for human consumption on official and civil society shelters and other facilities of the Operation Welcome in Boa Vista/RR and Pacaraima/RR.
- Partnerships with Federal University of Roraima (UFRR), Roraima Federal Institute of Education (IFRR), Funasa and Caer to carry out training and lecturers on WASH to migrants and refugees in shelters in Boa Vista/RR. In all, nine training courses were carried out, considering the following themes: water diseases; leadership to promote environmental health; diseases related to inadequate environmental sanitation; vector surveillance and control; hydraulic maintenance; construction and maintenance of chlorinators; cleaning and disinfection of water tanks; and chlorine dosing, making a total of 261 people trained.
- Partnership with the National Service of Industrial Training of the State of Roraima (Senai/RR) for the participation of migrants and refugees in professional courses in environmental education and plumbing, offered by Senai/RR. In 2022, 12 people received certificates from the hydraulic technician and environmental educator courses.
- Support for the Operation Welcome in the city of Manaus/AM with the provision of six chemical toilets, respecting the separations for men, women, boys, girls, and persons with disabilities (PwD), for users of the Interiorization and Screening Station (Pitrig), including carrying out a survey to diagnose the WASH conditions of Venezuelan migrants living in neighborhoods in the city of Manaus/AM.



Meeting of the WASH WG, with the participation of several key actors who work in the Operation Welcome, Boa Vista/RR – March 2022.



UNICEF Brazil Emergency Technical Team (ETT), Boa Vista/RR – December 2022.



EZ/Boa Vista and ETT Team, Boa Vista/RR– December 2022.



Production of sodium hypochlorite, distributed in official shelters and informal settlements in Boa Vista/RR and Pacaraima/RR, Boa Vista/RR – June 2022.



Hand washing workshop in the informal settlement Monteiro Baena, Boa Vista/RR – August 2022

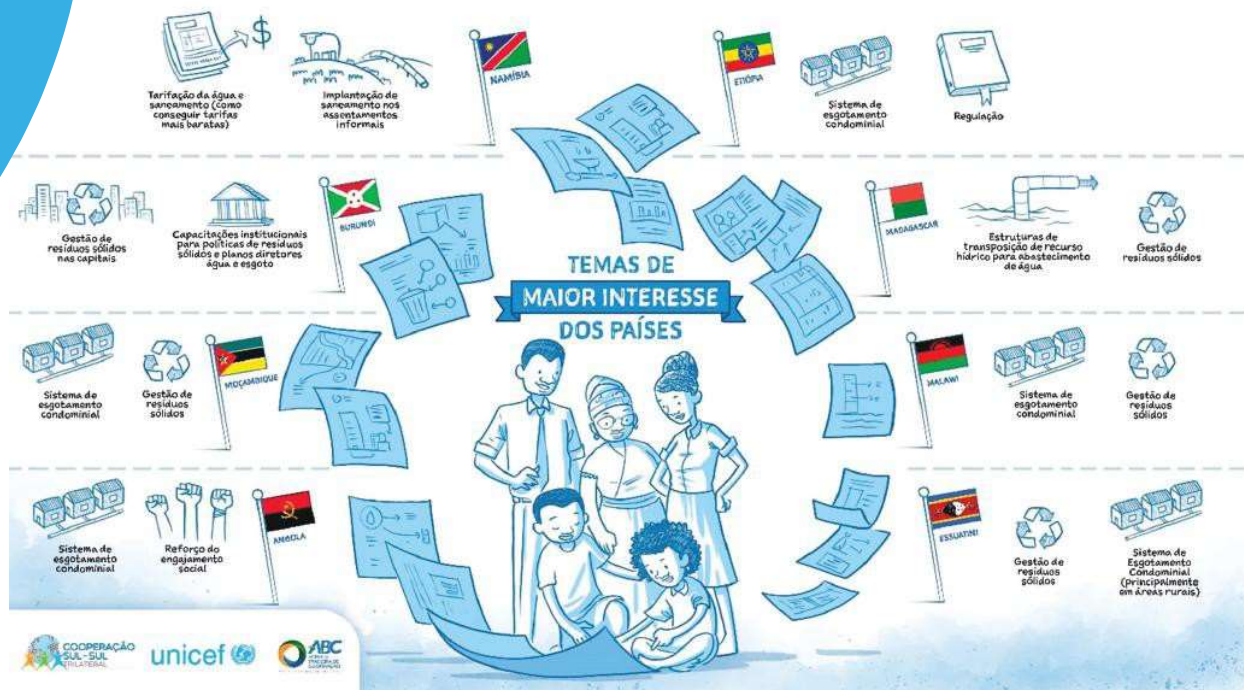
3.1.3. South-South Trilateral Cooperation

- The Project Simplified Residential Sanitation (Saneamento Condominial Simplificado), under development through articulation with the Government of Brazil, represented by the Brazilian Cooperation Agency (ABC), the Government of Angola and UNICEF. The main goal of the project is to promote health and social well-being through the implementation of a simplified sanitation and integrated solid waste management system, including the access to safe drinking water and hygiene practices in the vulnerable region of Viana, Luanda Province. The Ceará State Sanitation Company (Cagece), Ceará State Cities Office (Scidades) and Funasa, from Brasília/DF and from Suest/CE participate directly in the implementation of activities.
- Esaro Mission: representatives of governments and UNICEF from eight countries in East and Southern Africa participated, in November 2022, on a mission organized by UNICEF and ABC to the state of Ceará, aiming on sharing information about the development and implementation of public policies related to the WASH sector in Brazil, considering the themes of urban and rural sanitation, including regulation strategies, solid waste management, monitoring water quality for human consumption and community participation. In addition to participants from visiting countries, the mission mobilized more than ten institutions, in the three spheres of the federation. Among the results of the mission, we highlight:

1) Participating delegations with greater understanding of Brazil's experiences in the WASH sector, especially in relation to the public policy framework, monitoring systems, regulation, financing, and provision of urban and peri-urban sanitation services.

2) Conceptual knowledge developed about sanitation technologies, approaches, and specific policies, along the lines of those implemented in Brazil, such as sanitation in gated communities, integrated solid waste management, social and environmental safeguards for WASH in urban areas, an environment conducive to measures in this sector, among others.

3) Potential areas for future cooperation between Brazil, UNICEF and requesting countries, identified, and agreed, in order to promote an ongoing CSST process, through technical capacity building and knowledge sharing among participants.



Themes of greatest interest to countries participating in the Esaro mission, Fortaleza/CE - November 2022.

- Mapping of good WASH practices in Brazil to support technical cooperation processes, considering existing demands from other countries within the scope of the South-South Trilateral Cooperation (CSST) and focusing on sharing information on successful public policies within the scope at the state and municipal level. Sixty good practices were mapped out, including governance strategies, normative instruments, structuring and structural actions.



Angola Mission: Seminar for sharing information on WASH between the governments of Brazil and Angola, Luanda – May 2022.



Esaro Mission: Visit to the Rural Sanitation Integrated System (Sisar), Cascavel/CE – November 2022.





Esaro Mission: Visit to the headquarters of the SCidades Ceará State Cities Office, Fortaleza/CE – November 2022.

3.2. Traditional Peoples and Communities

Several strategies and actions were developed aimed at improving infrastructure in terms of access to safe drinking water in indigenous communities in the Amazon region. **63 communities and 59 UBSI were benefited, having a direct impact on around 15,000 indigenous people**, including the training of 381 health professionals from several DSEIs and implementing partners in PCI.

- **Yanomami Special Sanitary District for Indigenous People Yanomami (DSEI/YAN):**

Signing of a MoU regarding the process of joint work for the implementation of water supply infrastructure in 13 UBSI and 22 communities, benefiting a total of 2,463 indigenous people of the Yanomami ethnic group. In addition, 54 DSEI/YAN professionals were trained in WASH and Infection Prevention and Control (IPC).

- **Leste de Roraima Special Sanitary District for Indigenous People (DSEI-L/RR):** Partnership to rehabilitate WASH infrastructure at four UBSI and supply safe drinking water to four indigenous communities, benefiting around 1,200 indigenous people, both Brazilian and migrants. In addition to activities to strengthen access to safe drinking water, trainings in WASH and PCI were carried out, in which 82 health professionals from DSEI-L/RR participated.

- **Amapá and Norte do Pará Special Sanitary District for Indigenous People (DSEI/AMP):** Pilot project, in progress, regarding the implementation of basic laboratories to strengthen the monitoring of the quality of water for human consumption in the six base poles of the DSEI/AMP, in partnership with the Peabiru Institute and Sesai/MS, including the forecast of preparing a District Plan for Indigenous Water Security (PDSAI), training of Aisans and implementations of a hygiene protocol.

- **Rio Tapajós Special Sanitary District for Indigenous People (DSEI/RT):** in partnership with Fepipa, Wokoborun Association and the implementing partner PSA, five UBSI, two Indigenous Peoples Health Centers (Casai) and six indigenous villages were supported with rehabilitation of WASH infrastructure, benefiting 3,771 indigenous people of the Munduruku ethnic group. Five indigenous villages are being supported with solar powered water pumps.

- **In the state of Amazonas**, in partnership with Coiab, CGTT, Alto Rio Solimões Special Sanitary District for Indigenous People (DSEI/ARS), Alto Rio Negro Special Sanitary District for Indigenous People (DSEI/ARN) and Adventist Development and Relief Agency (Adra), as an

Implementing partner, 35 UBSI and indigenous villages were supported with the rehabilitation of WASH, of which 12 are in the DSEI/ARS areas of operation and 23 in the DSEI/ARN's, benefiting around 8,000 indigenous people of different ethnicities: tikuna, kokama, kambaba, kaixana, witoto, baré, tariana, tuyuka, baniwa, kuripako, apolima-arara, warekena, tukano, wanana, desana, kubeo, hupde, piratapuya, arapáso, piratapuya and barasána. Twenty-eight indigenous villages are being supported with solar-powered water pumps.

- 34 action plans were drawn up and six online and eight in person training courses were carried out, occasions where 381 people were trained. Among those, there were technicians from the following DSEIs: Rio Tapajós, Alto Rio Solimões, Yanomami, Leste de Roraima, Guamá Tocantins; Community Health Agents (ACS) e from the municipality of Santarém and implementing partners; Adra, CIR and Health and Happiness Project (PSA) in Infection Prevention and Control (IPC).



Technical visit, carried out jointly with Sesai/MS, to DSEI/AMP, Macapá/AP – August 2022.



Infrastructure improvements regarding the water supply for human consumption in the DSEI/YAN – February 2022.



Alternative Collective Solution of Water Supply for human consumption (SAC) implemented in indigenous community in the DSEI/ARS – December 2022.



Treatment and distribution system for safe drinking water in the Sakao-Mota community of the São Marcos indigenous land, in partnership with CIR and DSEI-L/RR, Pacaraima/RR – January 2023.

3.3. WASH in Schools

- Provision of the third WASH course, regarding the Systemic Result 3 of the UNICEF Municipal Seal of approval. The course has a workload of 15 hours, divided into three modules: 1. Water and sanitation as a human right (Access and quality); 2. National Policies on Basic Sanitation (Legal aspects); and 3. Promotion of hand hygiene, menstrual dignity, and gender equality. **More than 10,400 health, social assistance and education professionals working in UNICEF Seal municipalities received training.**
- Preparation of document containing “Technical guidelines for the implementation of the handwashing program”, including methodology for the development of activities by the UNICEF Seal municipalities.
- **Safe 2022 Strategy:** 518 schools in 35 municipalities benefited from better WASH services and around 2,400 trained professionals, both remotely and in person. Of these schools, 10 are in indigenous and quilombola communities in the municipality of Caucaia/CE.
- **SaneaHRR Project**, in partnership with Suest/RR, to implement improvements in water supply and carry out training in health education and hygiene promotion in 16 schools in the municipality of Rorainópolis/RR. In all, eight artesian wells were drilled, eight chlorinators were installed to carry out water treatment, in addition to training for school administrators and educational activities with children.
- Organization of the Amazônia WASH BAT Workshop, in articulation with Siwi, focusing on discussions related to improvements in access to safe drinking water, including the perspective of climate change and extreme events, in schools in the municipality of Careiro da Várzea/AM.
- Technical visit, jointly with Suest/PI, to evaluate the impact of Salta-Z technology, implemented in the Bela Vista community, in the municipality of Piripiri/PI. Workshops were held with community leaders, local authorities, and representatives of civil society, to prioritize future projects in the WASH field, based on the Municipal School Luiz de Sousa Cavalcante.



Meeting to present the WASH project, partnership between UNICEF and Funasa, Piripiri/PI – December 2022.



Municipal School Nedi Vovó Jovina, in the Quilombola Remainder Community of Porteiras, Caucaia/CE – August 2022.



SaneaHRR Project: WASH training for municipal employees, partnership between UNICEF and Funasa, Rorainópolis/RR – June 2022.



SaneaHRR Project: Partnership between UNICEF and Funasa, Rorainópolis/RR – November, 2022.



Training of education professionals on protocols for resuming classes and safe coexistence in schools, Caucaia/CE - June 2022.

3.4. Menstrual Dignity and Gender Equality

- Donation of around 200,000 packs of sanitary pads and educational materials, which benefited more than 63,000 girls and adolescents, including training strategies on menstrual health and hygiene, in 45 municipalities of SAB and TAM.



Student from Municipal School 15 de Outubro granted with menstrual hygiene kit, Salvador/BA – May 2022

3.5. Water Supply and Treatment

- Distribution of around 650,000 liters/month of safe drinking water, via water-truck, through a partnership with Caer, for migrants and refugees living in informal settlements in Boa Vista/RR.
- Water quality monitoring in shelters and informal settlements in Boa Vista/RR, Pacaraima/RR, Manaus/AM, and Belém/PA, including cleaning activities in water storage tanks, cleaning and disinfection of drinking fountains, replacement of activated carbon filters and taps.
- Articulation with Suest/RR and Brazilian Army Task Force (FT) for the assembly and installation of nine chlorinators to disinfect water for human consumption. The installations were carried out in systems with underground collection that supply the official shelters and other facilities of the Operation Welcome, in Boa Vista/RR and Pacaraima/RR.
- Emergency support after heavy rains in Boa Vista/RR: in September 2022 the city of Boa Vista/RR was hit by heavy rains; the tropical storm affected part of the infrastructure, mainly the supply and distribution of safe drinking water in shelters and informal settlements that welcome Venezuelan migrants and refugees. The UNICEF team carried out a quick assessment of needs in the field, intensifying work with partners of the Operation Welcome, to restore essential services such as safe drinking water, in quantity and in quality, in order to ensure that children and adolescents were protected and healthy. WASH monitors also provided support in cleaning environments, collecting solid waste, and distributing sodium hypochlorite. UNICEF mobilized the water truck, in conjunction with Caer, to support access to drinking water at the Waraouma a Tuaranoko, as well as Picumã shelter, benefiting around 2,200 people.

WATER, SANITATION AND HYGIENE

- Installation of five water tanks for water storage in five informal settlements in the municipality of Boa Vista/RR, benefiting around 1,200 people.



Safe drinking water supply, via water truck, in the informal settlement Aprisco, Boa Vista/RR – March 2022.

3.6. Sanitation and Hygiene

- Elaboration of a project and hiring of a company responsible for the construction of a public bathroom in Pacaraima/RR, on the border between Brazil and Venezuela, with capacity to serve 1,200 migrants, refugees, and host population per day.
- Implementation of the SAHTOSO pilot project in four informal settlements in Boa Vista/RR and four in Pacaraima/RR, totaling the construction of 22 toilets. The project benefited 240 people and was completed in four informal settlements that are now open defecation free.
- Installation and maintenance of 15 structures for hand washing in informal settlements in the municipality of Boa Vista/RR, benefiting around 2,000 people per month.
- Conducting of educational campaigns in shelters in Boa Vista/RR and Pacaraima/RR, regarding the following topics: sustainable use of water, hand washing, solid waste, and vector control, with the participation of 2,062 people in these activities.

3.7. Climate Change

- Technical support in UNICEF missions related to the occurrence of hydrological disasters in the states of Bahia and Pernambuco, including articulation with several actors, both national and local.
- Implementation of 51 solar-powered water pumps in indigenous communities in the states of Amazonas, Roraima and Pará.
- Technical support in the preparation of the report “*Crianças, Adolescentes e Mudanças Climáticas no Brasil*”, published by UNICEF Brazil.

- Articulation with Salvador/BA municipal government, bearing in mind the discussions aimed at protecting children and adolescents in case of extreme weather events.



UNICEF Brazil team mission in support of the hydrological disaster in the state of Bahia, Ilhéus/BA – January 2022.



Evaluation of the impacts of heavy rains in the state of Pernambuco, together with Caritas Brasil, Recife/PE – June 2022

3.8. TEM_Água Strategy

- Elaboration of the strategy, with a work horizon foreseen for the period of 2022-2025, considering three priority axes of UNICEF Brazil's WASH action:
 - I. **Indigenous lands and traditional peoples** with access to water and improved sanitation;
 - II. **Healthy and sustainable schools**, friendly to girls and boys; and
 - III. **Empowered municipalities and service users** to ensure universal access to safe drinking water and sanitation, including to migrant and refugee populations.

3.9. Involvement in Events

- 6a Conferência Nacional de Saúde Indígena (CNSI) – November 14th to 18th, Brasília/DF.
- Oficina de trabalho WASH UNICEF/Funasa - September 19th, Brasília/DF.
- Missão Esaro, Cooperação Sul-Sul – November 7th to 11th, Fortaleza/CE.
- WASH in Emergency Training – October 24th to 28th, Panama City.
- Debates para Gestão de Água, Esgoto e Energia na Amazônia – November 7th and 8th, Tefé/AM.
- Youth Challenge – November 18th to 20th, Manaus/AM.
- Fórum Social Pan-Amazônico (Fospa) – July 28th to 31st, Belém/PA.
- Colóquio luso-brasileiro de tecnologias aplicadas a gestão, monitoramento e melhorias das águas residuais – September 5th and 6th, Salvador/BA.



WASH Training in Emergencies hosted by UNICEF Latin America and Caribbean Regional Office (Lacro), Panama City – October 2022.



Presentation held during the 6th CNSI, Brasília/DF – November 2022.



Debates on the conference Gestão de Água, Esgoto e Energia na Amazônia, organized by the Instituto de Desenvolvimento Sustentável Mamirauá, Tefé/AM – November 2022.

4. PROSPECTS AND PRIORITIES ON THE WASH PROGRAMME, 2023

In 2023 the UNICEF Brazil's WASH Programme will prioritize the implementation of initiatives aimed at the **TEM_Água strategy**, prepared in 2022, with a work horizon foreseen until 2025, considering the established priority axes, referring to the development of projects in **indigenous lands and traditional peoples, in schools and in strengthening capacities in municipalities**, aiming at promoting the health and social well-being of children, adolescents and vulnerable populations, including the perspective of **menstrual dignity and climate change** and its direct and indirect impacts in the safe and sustainable delivery of WASH services.

It is also worth mentioning, strategies regarding to the continuous articulation for the development of partnerships with key government actors, in their respective spheres of management, non-governmental organizations, community-based organizations and with the private sector, so that UNICEF can **support and implement projects aiming to strengthening WASH public policies in Brazil**.

From the perspective of the UNICEF Municipal Seal of Approval and, in view of the actions regarding to Systemic Result 3, "Hygiene habits and access to water and sanitation guaranteed for children and adolescents in schools", tools will be made available to support the achievement of the established goal. In articulation with the respective implementing partners in the territories, referring to the **implementation of the handwashing and hygiene programme for children and adolescents in preschool and early elementary school grades to practice hygiene with sinks, water, soap, and handwashing in at least 10% of the schools in the municipality**, with a deadline until June 30th, 2023.

This way, UNICEF Brazil, through the WASH Programme, will continue and strengthen the development of strategies and actions implemented in 2022, considering the priority focused on guaranteeing the human right to safe drinking water and sanitation for all, as a fundamental tool for the reduction of poverty and social inequality in the country.

5. WASH TEAM

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