



Alunorte's commitment to people, environment and safe operations

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Main formal processes involving Alunorte

State of Pará

- Government of Pará and Environmental agency SEMAS:
 - Constructive dialogue seeking for a solution to resume normal operations and to contribute to social and economic development in Barcarena.
- Ministerio Publico of Pará
 - Dialog currently on hold
- Parliamentary Commission of Inquiry
 - Established an inquiry to investigate environmental and social situation in Barcarena including Alunorte
 - The first site visit on April 2
- Current situation
 - Ordered alumina production reduced by 50% (SEMAS and Court)
 - Embargo on press filter and DRS2 (Court)

Federal level

- Federal committee:
 - Management and evaluation of responses to environmental contamination in Barcarena
 - First meeting on April 2
- Congress
 - External Committee was created to investigate Alunorte
 - Public hearing on March 13
 - Requested a creation of a Parliamentary Commission of Inquiry
- Federal environmental agency IBAMA
 - Has publicly stated that there has been no overflows from bauxite residue deposits
- Current situation
 - Embargo on press filter and DRS2 (IBAMA)



Commitment to people, environment and safe operations



Measures and actions
already initiated or implemented



Technical and environmental measures



Social measures

Measures and actions already initiated or implemented at Alunorte

Operational robustness and emergency preparedness

- Increase water treatment capacity by 50% and basin capacity in the water treatment plant by 150% through NOK 500 million (approx. BRL 200 million) project
- Development of sustainable closure concept for DRS 1
- Update of emergency procedures
- Strengthening of local and central environmental resources and competence
- Third party environmental study on air quality, water, springs, soil and forest
- Toxicological study to evaluate health conditions of people in the communities nearby Alunorte



Further technical and environmental measures

Additional measures to position Alunorte as industry benchmark

- Maintenance and equipment upgrade, including measures to address improvement potential identified in the reports
- Further strengthening of collection, testing, analysis and monitoring of environmental and health data, including water quality
- Increase number of water sampling wells at and around Alunorte's premises for improved monitoring of the environment



Social activities already implemented after February rainfall



Water supply

- Distribution of water to local communities
 - Around 1800 families
 - More than 20.000 gallons (each 20L)
 - 560.000L distributed in water trucks
 - 339 water reservoirs donated



Health assistance

- Mobile medical center with doctors, in cooperation with Barcarena municipality
 - More than 2,094 attendees until to April 4
- Red Cross engaged to provide medical assistance and map health needs and take blood samples
 - Door to door attendance with multi professional team



Community dialogue

- Six community meetings in the first two weeks after February 17
 - Bom Futuro, Burajuba and Vila Nova
- Weekly meetings with the leadership in the Risk Committee (civil defense)
- Peabiru engaged as facilitator for community dialogue

Renewing our community relations and social responsibility

Sustainable Barcarena Initiative

- Around NOK 250 million (BRL 100 million) to support broad collaboration for social change
- Separate legal entity, with its own organization, staff and mandate, financed by but independent to Alunorte
- The initiative will provide capacity building, establish a public platform for data monitoring and evaluation, develop social and environmental projects
- Hydro will act in partnership with communities, academia, authorities, unions and relevant organizations



Alunorte as a long-term partner in Pará



Alunorte is in Pará to stay:

- The company will join efforts to ensure a real social change for communities nearby Alunorte
- We are committed to ensure sustainable operations and to improve the environmental management
- We rely on our employees and partners to move forward, ensuring sustainable development in Barcarena and in Pará



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