



Alunorte's commitment to people, environment and safe operations

Svein Richard Brandtzæg, President and CEO Oslo, 9. april 2018

# 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

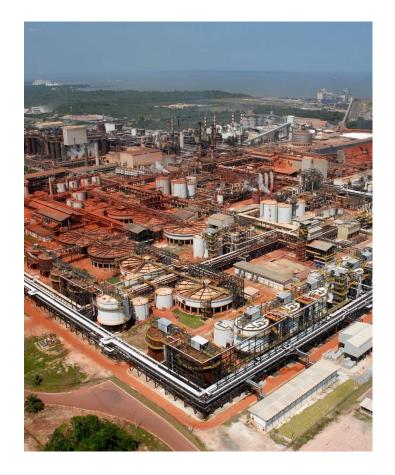




## Further technical and environmental measures

### 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 communitites
  - 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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