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# ESG Webinar

June 30th, 2026

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(b) the global economy;

(c) the capital markets;

(d) mining and metals prices and their dependence on global industrial production, which is cyclical by nature;

(e) global competition in the markets in which Vale operates;

(f) the estimation of mineral resources and reserves, the exploration of mineral reserves and resources and the development of mining facilities, our ability to obtain or renew licenses, the depletion and exhaustion of mines and mineral reserves and resources; and;

(g) other factors or trends affecting our financial condition, liquidity, results of operations, business strategy, capital allocation, sustainability commitments and growth prospects.

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# ESG Webinar

## Thiago Lofiego

Director of Investor Relations, JVs and Energy

# *Vale's strategy*
# Connecting today to tomorrow

## *Our ambition*

**Leading value creation** in the mining industry through **ethical and sustainable practices**

## *Our business*

### Iron Ore
Leading global iron ore production and driving steel decarbonization with the most competitive costs and customer-centric flexibility

### Copper
Accelerating growth to double production

### Nickel
Focus on operational efficiency

# Making solid progress on key themes

## Safety

### Cultural transformation

**–40%** in **high-potential recordable injuries** in 5M26 vs. 5M25

**80%** of dams removed from any Emergency Level, with **no dams at the highest level**

## Integral Reparation

**67%** **Mariana**
Integral Agreement "to perform" obligations completed[1];

**83%** **Brumadinho**
Global Settlement performed[1]; obligations "to pay" to be completed in 2026

## Vale of the Future

### New Carajás program

Aligning growth in critical minerals with sustainability

**26 Mt** of iron ore produced from **circular sources** in 2025

$CO_2$

**–25%** **scope 1 & 2 emissions[2]**
Target: –33% by 2030

**–8%** **scope 3 emissions[3]**
Target: –15% by 2035

[1] Data as of May 31st, 2026. [2] Base-year 2017 [3] Base-year 2018.



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Rafael Bittar
Technical EVP

# Cultural transformation:
*The pathway to achieve our purpose*

## Our Culture

**Obsession with safety and risk management**

Take care of one another

Learn from our mistakes and accomplishments

Apply the most suitable practices and technologies

**Act and lead with humbleness and respect**

Promote psychological safety

Create a diverse and inclusive environment, with open and transparent dialogue

Collaborate as one team

**Deliver superior results through planning and discipline**

Manage resources efficiently

Simplify processes and apply continuous improvement

Develop our people

**Keep an external outlook with an entrepreneurial vision**

Operate with a customer-centric focus

Innovate to accelerate mining of the future

Adapt strategy with agility

**Foster dialogue with society**

Strengthen reliable relationships

Act responsibly towards our planet

Act in partnership for territorial development

**Behaviors**

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2026+ **Reinforcing the Cultural Evolution**

2025 *Evolution of the Cultural Narrative*

2024 *2nd Cultural Diagnosis Survey*

2023 *Culture in Practice*

2019 *Cultural Diagnosis*

# Advancing towards an accident-free work environment

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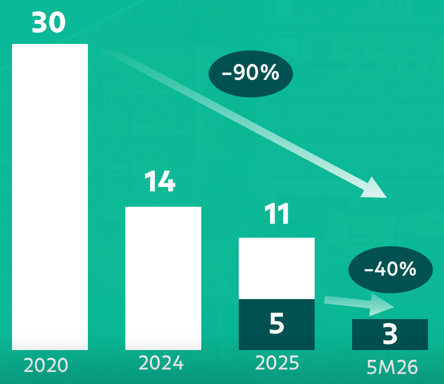
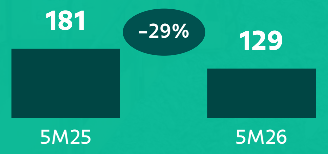
## High-potential recordable injuries – N2[1] (unit)




## Focus on preventing high-potential events

***2024: N3 Priority[2]***

*Reinforcing the preventing mindset before accidents materialize*




***2025: CRM[3] implemented across 100% of maintenance areas***

*Fatalities prevention tool leveraging inspections and conversations, with over 1M verifications[4] completed during the first 18 months of implementation*

[1] N2 = Lost time or restricted work with fatality potential or Actual life changed events. Historical data has been updated to reflect the current methodology being used to reflect market practices and for comparability against our main peers. [2] N3 Priority are N3 associated to CAR (Critical Activities Requirements), with energy release and person almost hit. It is helpful to guarantee the implementation of actions plans to prevent the occurrence of N1 or N2 events (N3 = events with high potential that causes First aid, medical treatment and other high potential events). [3] CRM (Critical Risk Management = Methodology that prevents fatalities, strengthens our safety conversations, and helps us ensure that everyone returns home safely. [4] Verifications are conducted before all fatality-risk activities and are not necessarily linked to identified issues. The higher the number of preventive checks, the lower the risk of a high-potential event materializing. All the numbers are considering the total of Vale SA and Vale Base Metals.

# Substantial progress in dam safety and tailings management

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## GISTM & GTMI[1]

**World-class standards and processes**

### Governance

- Strengthen **3-line of defense** model
- **Geotechnical Risk Executive Committee**
- **Engineer** of Record
- **100%** of the population close to risk areas **removed**
- **New TDMS** (Tailings and Dams Management System)

### Adoption of International Best Practices

- 3 Geotechnical **Monitoring Centers**
- **Hazard Identification and Risk Analysis (HIRA)** for dams and tailings facilities
- Improved technical **understanding** of Vale's dams ("As-is" project)
- **Adoption of GISTM (Aug/20)**

### A new way to operate

- Upstream **dam elimination program**
- **New way to operate** alternatives to tailings – **Filtered Tailings**
- Co-products

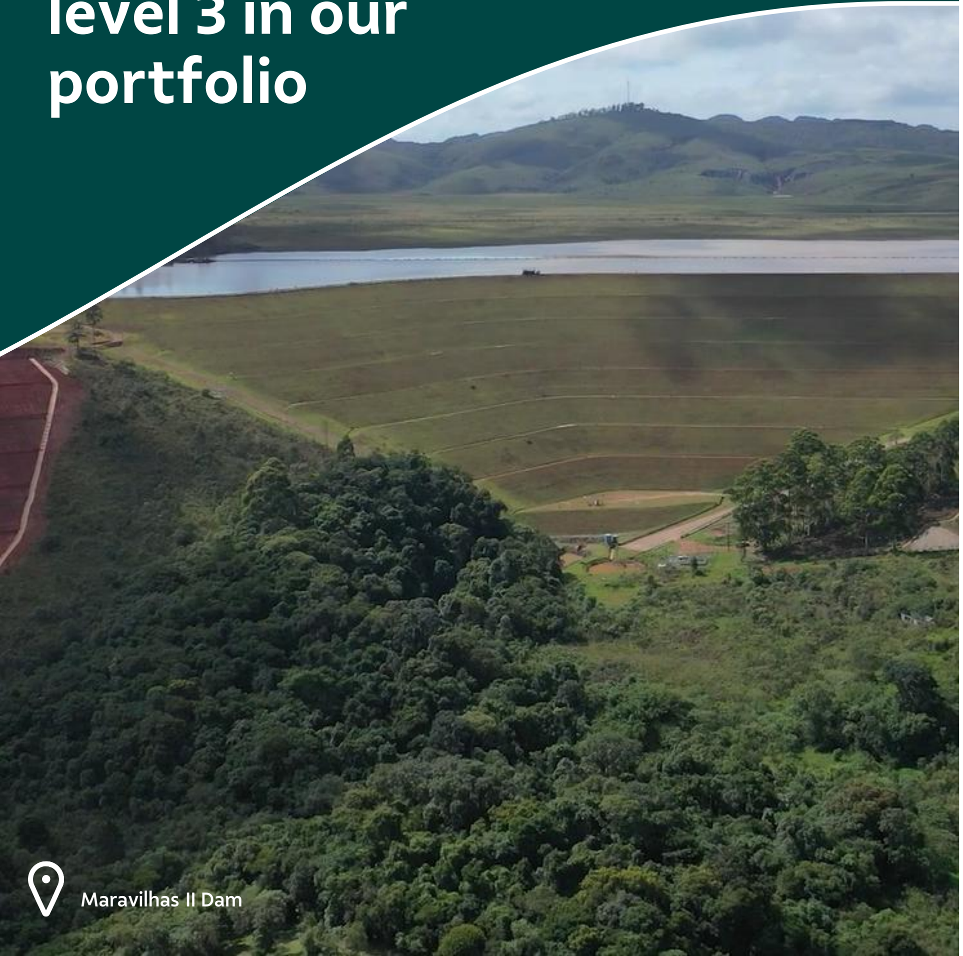
### 2023-2026


- Vale maintains **full conformance** with GISTM and prepares for GTMI certification, supported by independent auditors
- Vale plans to become a GTMI-signatory[3]

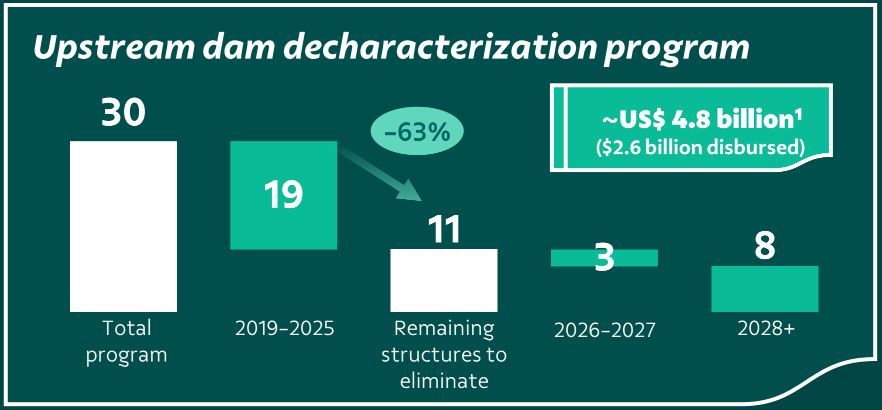
**Cultural Transformation Journey**

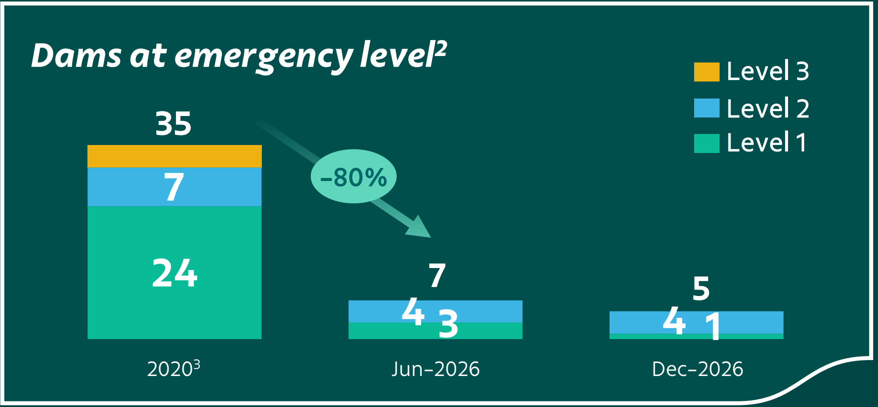
[1] Global Tailings Management Institute, with criteria agreed by the International Council on Mining and Metals' Tailings Advisory Group (ICMM). [2] With action plans in progress (for tailing dams). [3] Pending opening the signatory process.

# No dam at emergency level 3 in our portfolio



Maravilhas II Dam

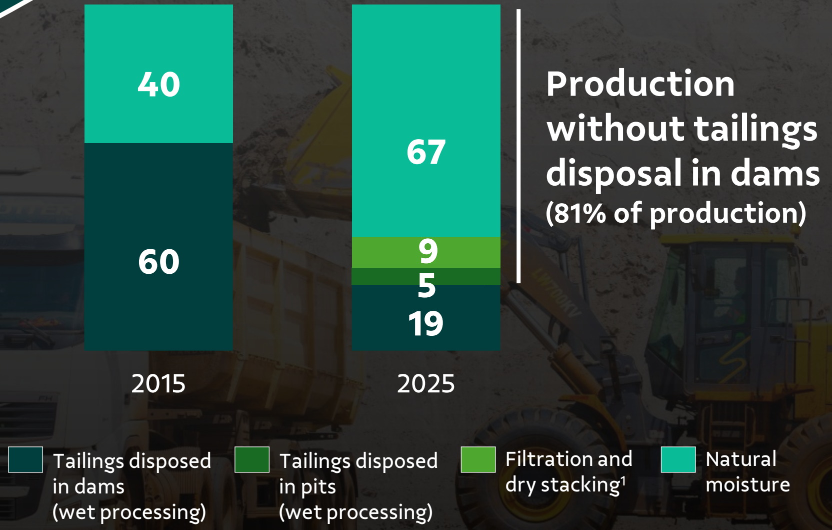



[1] Including disbursements as of March 31st, 2026, and current provisions. [2] Dams include geotechnical facilities dedicated to mining processes. [3] Considering the highest number of structures at emergency level in 2020.

# Reducing the need for dams and waste generation

**Ore processing method**
(%)

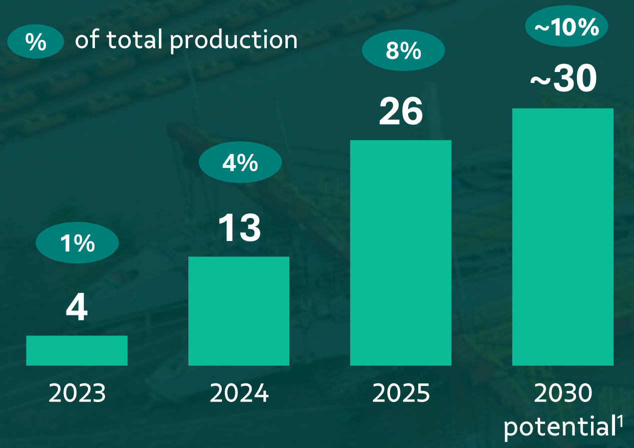



- Tailings generation **reduced** by 33%[2]
- **4 filtration** plants in operation
- **Dry tailings** used as co-products
- **Agera:** Commercialization of sustainable sand and development of new products

[1] Includes use of tailings for co-products. [2] 2025 vs. 2015.

# Leading circularity program in the mining operation

## Circular iron ore production[1] (Mt)




***De-risking** production plan*

***Positive sustainability impact***
*Lower emissions and less areas required for waste disposal*

***Coproducts***
*Transforming tailings into viable products*

***Tailings reprocessing***
*VGR dam case: turning legacy material into value*

***Waste processing***
*Capanema case: full production sourced by WH waste pile until 2028*

Gelado

[1] Already included in Vale's production plan. Including fines and ROM.

# We are building the mining of the future
## *connecting today to tomorrow*


## Smart
operations

***Innovation and technology*** *supporting* ***safety culture*** *and* ***operational excellence***


## Minimally
invasive mines

*Minimizing impact through* ***responsible design*** *and* ***technology use***


## Zero
waste, tailings & carbon

*Reducing the* ***need for dams****, increasing* ***circularity*** *and advancing in the* ***decarbonization agenda***


## Value
sharing

*Promoting a* ***real and positive impact*** *on society*


## Workforce
of the future

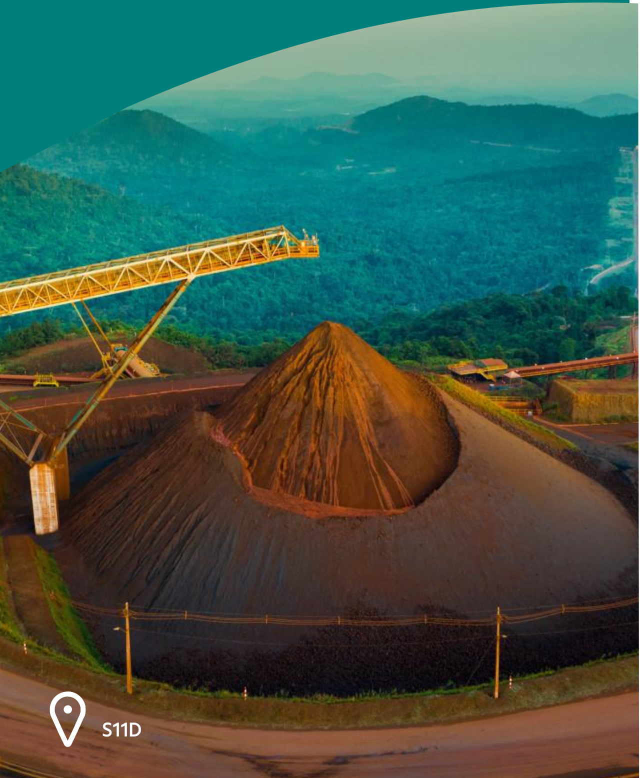
***Diverse****, adaptive,* ***purpose-driven*** *people*

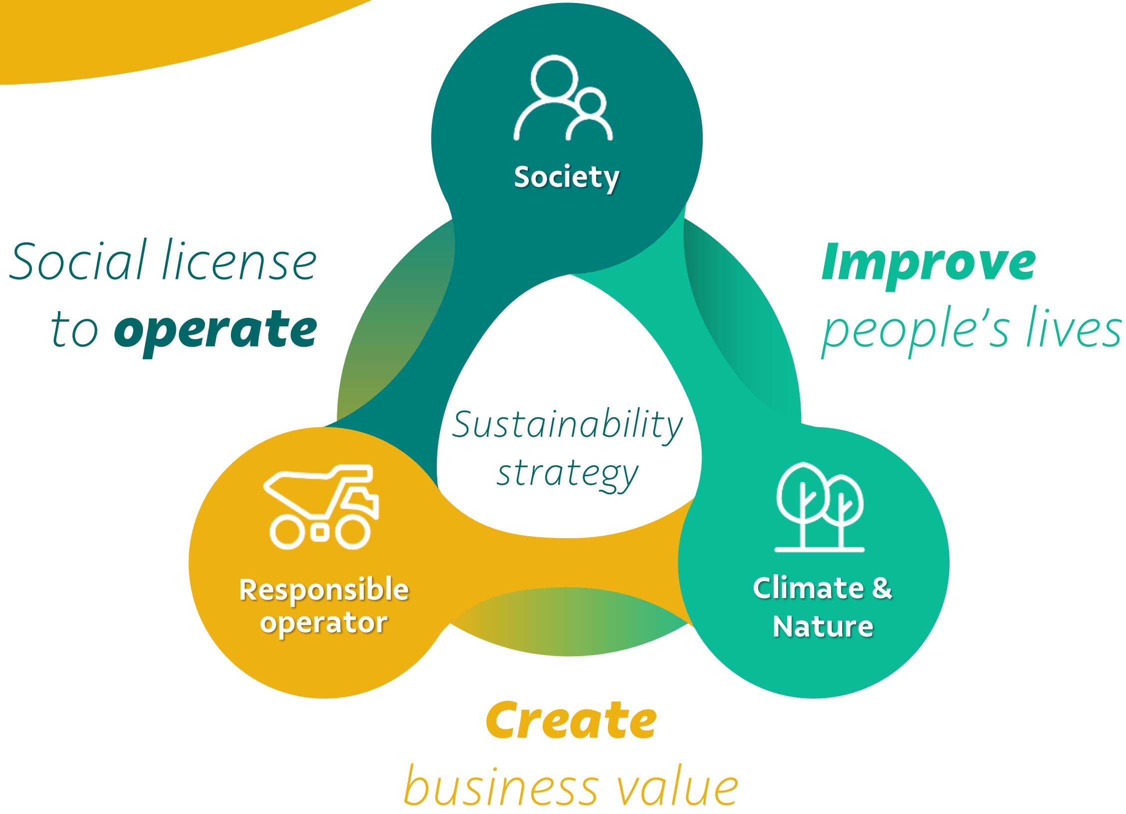
# ESG Webinar

## Grazielle Parenti

Sustainability EVP

# Our sustainability strategy is built on three pillars



# Sharing value through the mining lifecycle

## Project Exploration and Development

*Integrating Social-environmental risks **into decision-making** and **capital allocation.***

## Operations

*Managing **human rights , building relationships with communities** and **reducing our impacts** (emissions, water, biodiversity).*

## Mine Closure and Future Use

*Restoring land, **strengthening communities beyond mining***

*From sources to shelf, **with less carbon***

# Mariana

*Strong progress after the settlement*

**Rio Doce water quality similar to pre-breach[6]**

Water monitoring of the Gualaxo River, of the Doce River basin, Minas Gerais

## R$ 82 bn[1]

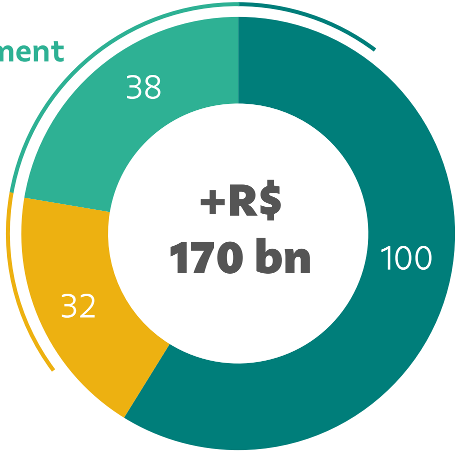
*already disbursed in remediation and compensation*

**Pre-agreement actions**
100% complete

**"To perform" obligations**

**67% complete[2]**

*Includes resettlements, individual compensations (~94% completed[3]), the environmental recovery, among others*




**"To pay" obligations**

**18% complete[2]**

*Funding government programs and compensatory actions over a 20-year period*

## Main milestones

| Oct 2024 | May 2026 | Dec 2026 | Jan 2027 | 2032 | 2042 | 2043 |
|---|---|---|---|---|---|---|
| **New Agreement Signed** | **~637k Individuals compensated[4]** <br> **99% of housing solutions delivered** | **Complete PICT[5] initiatives** | **Complete all compensation payments** | **Complete all civil works** | **Complete all environmental reparation** | **Complete "To Pay" obligations** |

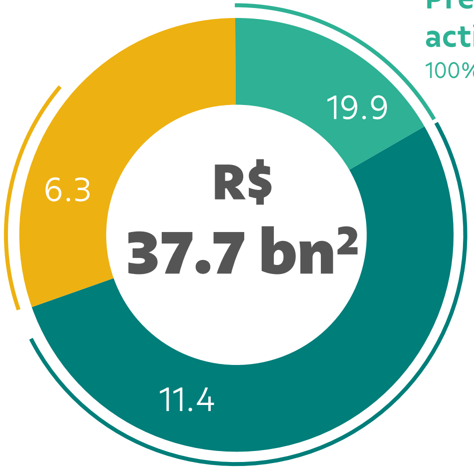
Note: Information provided by Samarco as of May 31, 2026. [1] Includes Renova administrative expenses. [2] The % is the progress of the current financial estimates of the "To Perform" and "To Pay" obligations. [3] Considering the financial value of compensations. This percentage will change with the reopening of the PID. [4] Including emergency aid and adhesions to the Definitive Compensation Program (PID). [5] Indigenous Peoples and Traditional Communities (PICTs) [6] Water quality data undergoes quality control and is validated by environmental agencies responsible for overseeing the monitoring program.

# Brumadinho

*83%[1] of agreement performed*

## Community trust improving gradually

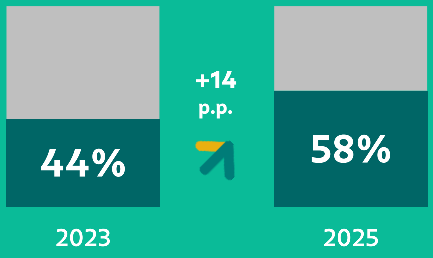
**Pre-agreement actions**
100%




**"To pay" obligations**
**98% complete[1]**
*Income transfer payments and projects to be executed by government authorities*

**"To perform" obligations**
**53% complete[1]**
*97% adherence to project schedules*

### Community trust[5]




**Paraopeba water quality is similar or better than pre-breach[4]**

### Main milestones

| 2021 | May-26 | 2026 | 2028 | Feb-2031 |
|---|---|---|---|---|
| **Brumadinho Integral Reparation Agreement** | **83% complete[1]**<br>**~R$ 29 bn in additional Agreements[3]**<br>***(73% completed)*** | **Complete 100% of the To Pay Obligations** | **100% Tailing Removal from Paraopeba (46 km)** | **Complete 100% of the To Perform Obligations** |

Note: Data updated to May 21, 2026 [1] Financial progress. [2] As per the Integral Reparation Agreement settled in February 2021. Nominal amount. The total value considering IPCA (Brazilian consumer price index) adjustment is ~R$ 40 billion. [3] Emergency compensation, Community Centers, Parks, Water supply works and monitoring, tourism initiative, and individual compensation [4] The data is corroborated by monitoring by the Water Management Institute of Minas Gerais (Igam), a public body of the Government of Minas Gerais state. [5] % of respondents from affected communities in Brumadinho rating 7 or higher (on a 1–10 scale) when asked to what extent they consider Vale a trustworthy company. Survey conducted by the IPSOS Institute.

# Our Commitments:
## *Strengthening our Social License to Operate*

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| | | |
|---|---|---|
| **Resilient communities** | – Support the uplifting of **half a million** people out **of extreme poverty**<br>– **Support Indigenous communities** neighboring Vale to develop their **UNDPRI plans**[1] | ~70k people<br>**in the program since 2023.**<br><br>6 indigenous communities<br>**With UNDPRI plans** |
| **Climate and energy**<br>**US$ 1.7 bn** invested in mitigation and adaptation since 2020 | – **Reduce Scopes 1 and 2** emissions by 33%[2] by 2030<br>– **Net zero** (Scopes 1 and 2) **by 2050**<br>– **100% renewable energy** consumption globally by 2030<br>– **Reduce Scope 3** by 15%[3] by 2035 | **Scopes 1 & 2:**<br>25% **reduced**<br><br>**Renewable Energy:**<br>87% **Globally** (100% **in Brazil)**<br><br>**Scopes 3:**<br>8% **reduced** |
| **Forests and Water** | – **Recover and protect + 500,000 ha of forest** outside our fence lines by 2030<br>– **Reduce freshwater intake by 27% by 2030**[4] | + 225k ha<br>**protected & recovered** |

[1] United Nations Declaration on the Rights of Indigenous Peoples [2] Base year 2017. [3] Base year 2018. [4] The target considers the cumulative average specific use of new water.

# Developing stronger communities; building on Human Rights and strengthening listening channels

## Human Rights Integration

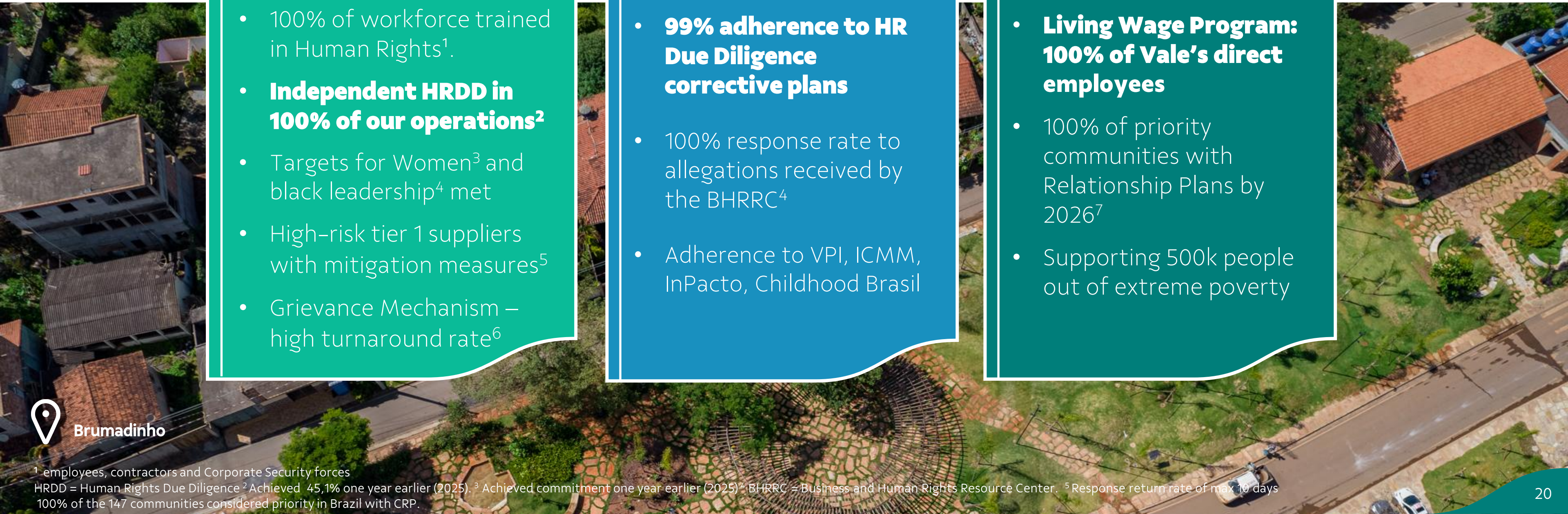
- 100% of workforce trained in Human Rights[1].
- **Independent HRDD in 100% of our operations[2]**
- Targets for Women[3] and black leadership[4] met
- High-risk tier 1 suppliers with mitigation measures[5]
- Grievance Mechanism – high turnaround rate[6]

## Monitoring and Reporting

- **99% adherence to HR Due Diligence corrective plans**
- 100% response rate to allegations received by the BHRRC[4]
- Adherence to VPI, ICMM, InPacto, Childhood Brasil

## Resilient Communities

- **Living Wage Program: 100% of Vale's direct employees**
- 100% of priority communities with Relationship Plans by 2026[7]
- Supporting 500k people out of extreme poverty




[1] employees, contractors and Corporate Security forces
HRDD = Human Rights Due Diligence [2] Achieved 45,1% one year earlier (2025). [3] Achieved commitment one year earlier (2025) [4] BHRRC = Business and Human Rights Resource Center. [5] Response return rate of max 10 days
100% of the 147 communities considered priority in Brazil with CRP.

# Climate

*Focus on energy security and diversification with biofuels*

*Already zero scope 2 in Brazil*

**Ethanol and battery electric engines for off-road trucks (testing)**

**Biodiesel: B30 testing in mines and B50 in railways**

**Feasibility analysis of biofuels and innovative technologies for our pelletizing processes**

# Initiatives

*Scopes 1 & 2*


Mariana Complex, Minas Gerais state

Note: The fuel diversification initiatives referenced are exploratory and under evaluation, representing elements within a broader solutions portfolio that may support the Company's targets | [1] Market based.

# Climate

*Innovation and partnerships to decarbonize the value chain*

# Initiatives

*Scope 3*

## Low-carbon fuels for vessels

Triple Fuel Engines (energy security)

2nd Generation Guaibamax

Use of AI predictive solutions for shipping optimization

## Developing competitive solutions for greener steelmaking

Agglomerates[1]

Mega Hubs


**70–90%** $CO_2$ emissions reduction

*World's first ethanol-powered, ocean-going vessels*

Note: The fuel diversification initiatives referenced are exploratory and under evaluation, representing elements within a broader solutions portfolio that may support the Company's targets, without constituting specific public commitments | [1]Pellets and Briquetting

# Nature: Biodiversity and Water

Leaving a positive legacy for nature and people

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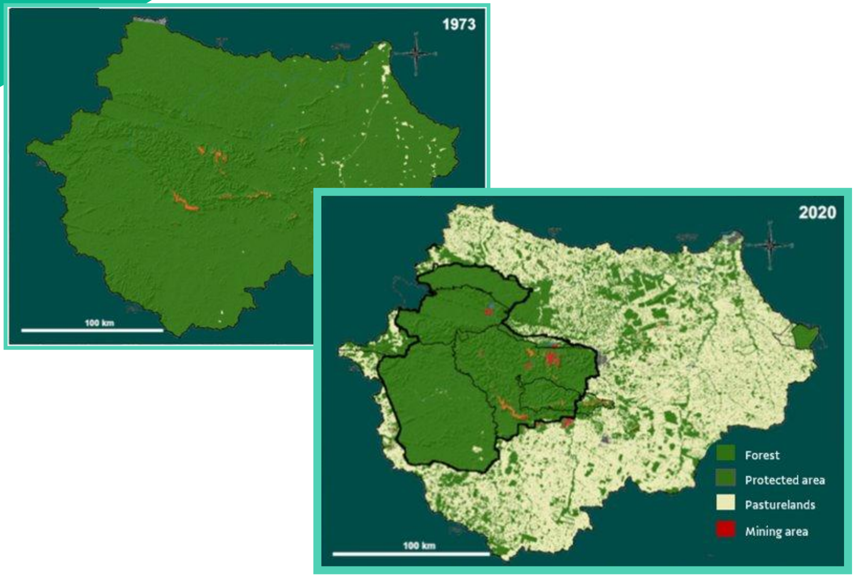
## Vale protects ~1.1 million hectares




## Biodiversity

**Forest Goal: recover and protect 500k ha**

- Partnerships to advance on protection and restoration

**Seeking no net loss:**

- Simple and robust metrics to monitor biodiversity

**Not operate in UNESCO Natural World Heritage Sites**

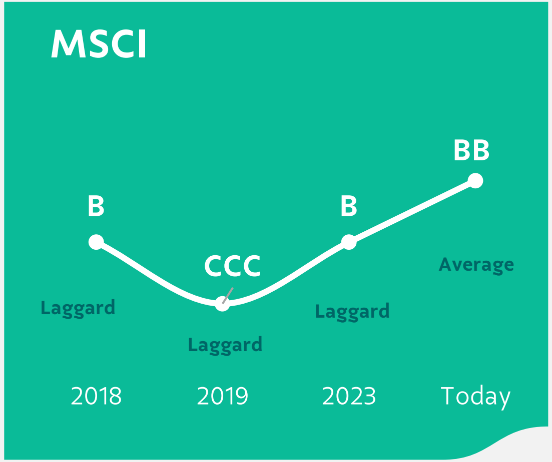
## Water

**Target: reduce freshwater intake by 27%[2] by 2030: 32%[2] reduction in 2025**

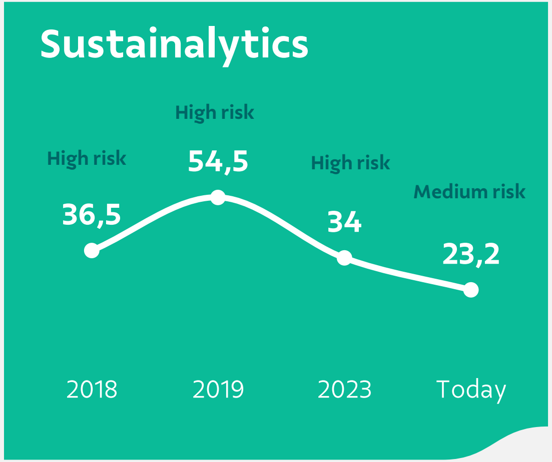
- 84% of water demand is met through reused water
- CDP water security score of A- leading current best practice among major peers

[1] – 977k ha in protected areas GRI 304-3 based on IUCN concept, reported and audited yearly + 85k ha REDD+ protected forest + 46k ha Reserva Legal [2] From a 2017 baseline

# Advancing ESG ratings through solid progress and transparent disclosure

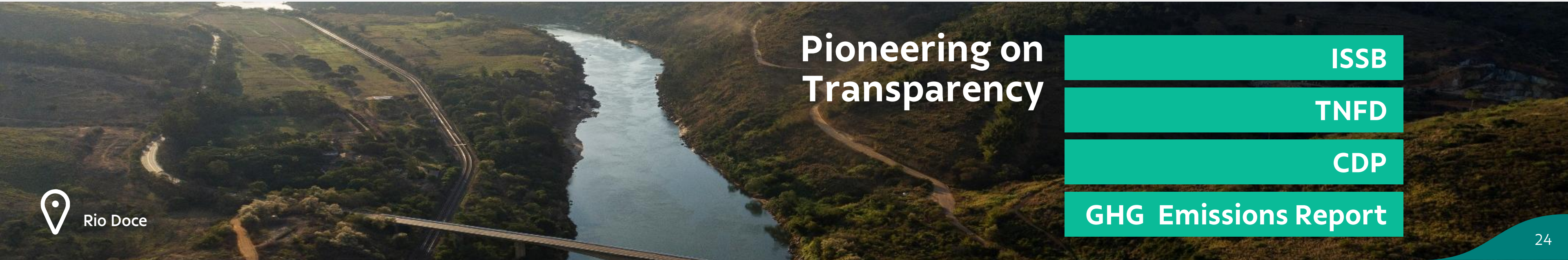



*Scale: CCC to AAA; the higher, the better*




*Scale: 0 – 100; the lower, the better*


*Scale: 1 – 10; the lower, the better*



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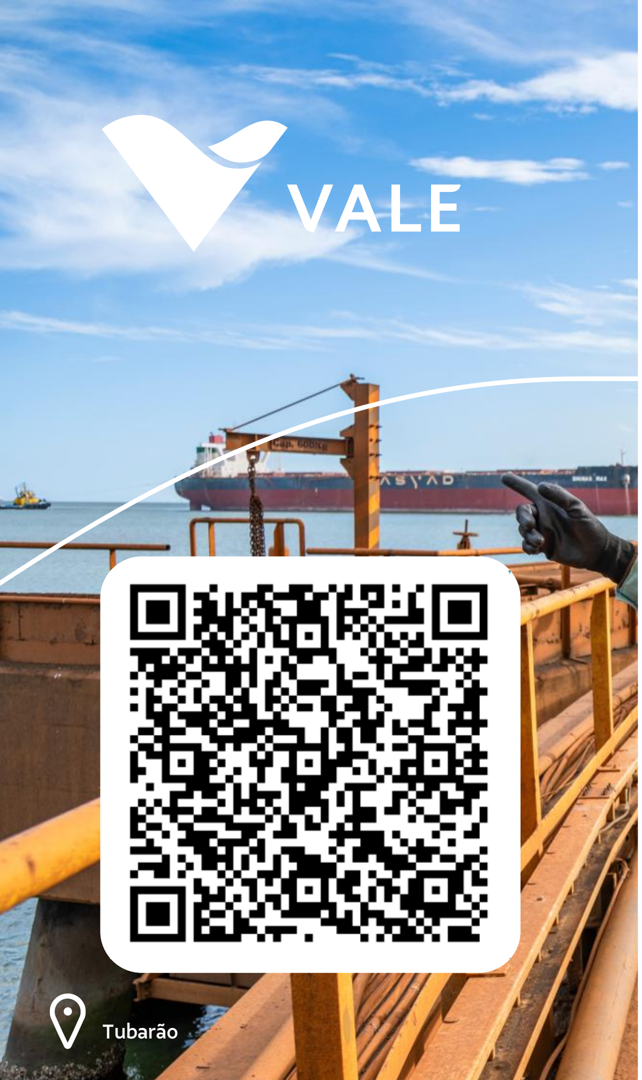
# We value your feedback



Tubarão