

SAMARCO

HUMAN RIGHTS



**OUR
VALUES**

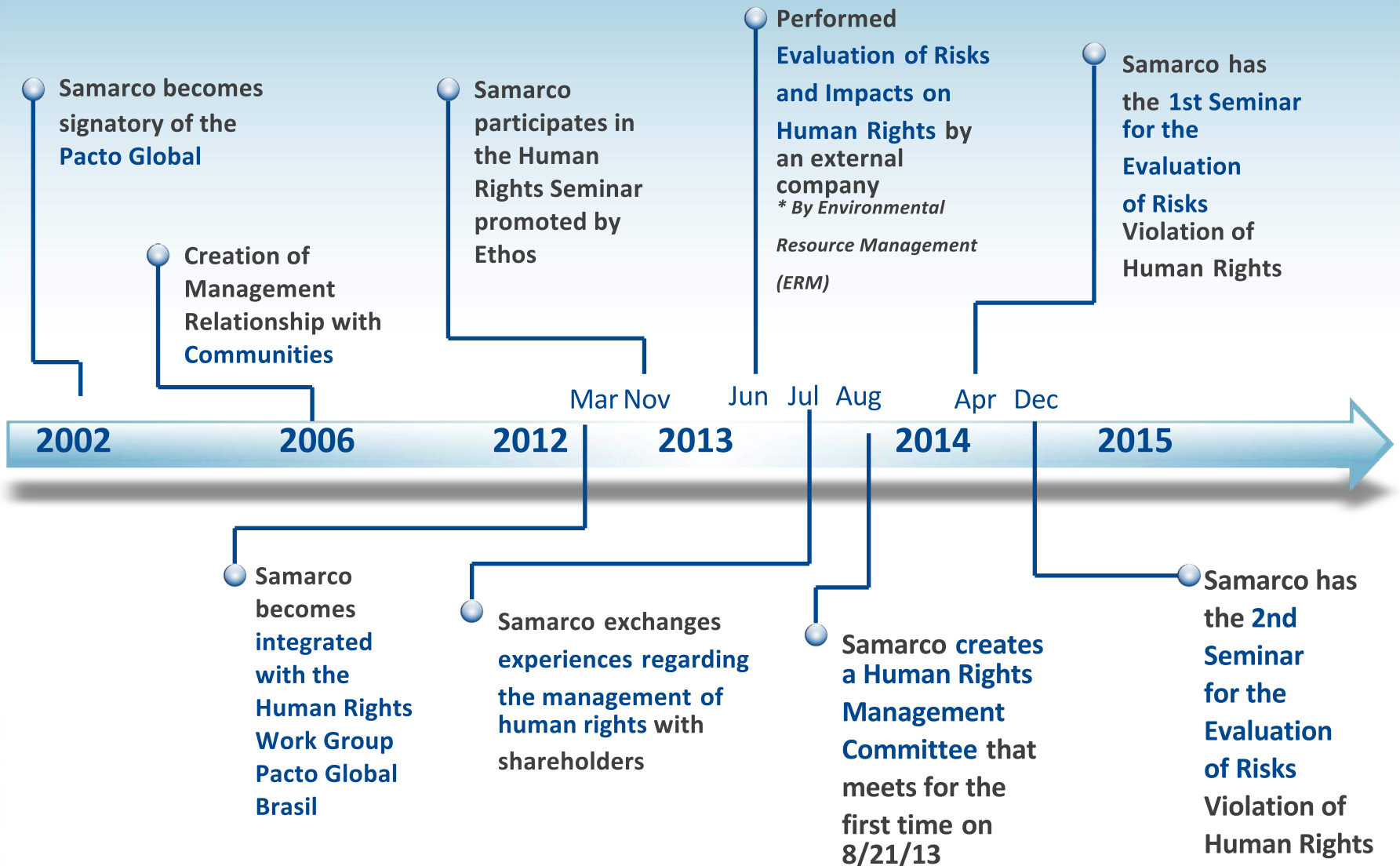
 **RESPECT FOR PEOPLE**

 **INTEGRITY**

 **MOBILIZATION FOR RESULTS**



MANAGEMENT EVOLUTION OF HUMAN RIGHTS AT SAMARCO





HUMAN RIGHTS MANAGEMENT MODEL IN SAMARCO



Aligned with the UN Guiding principles on business and Human Rights

Grievance Mechanisms
E.g.: Ombudsman and whistleblowing process
Face to Face community relationship

**HUMAN RIGHTS
MANAGEMENT
COMMITTEE**

Set of actions have been put in place in order to strengthen overall control environment

e.g.: Duty to care diligence, Vendors assessment before and after procurement process

Real state - land acquisition - social assessment with vulnerable people

Yearly assessment performed by Samarco Risk and Compliance team
Independent assessment performed by third party every three years

***HUMAN RIGHTS
MANAGEMENT***

**PREVENTIVE
ACTIONS,
REMEDY AND
PROMOTION**

**HR RISK AND
IMPACT
ASSESSMENT**

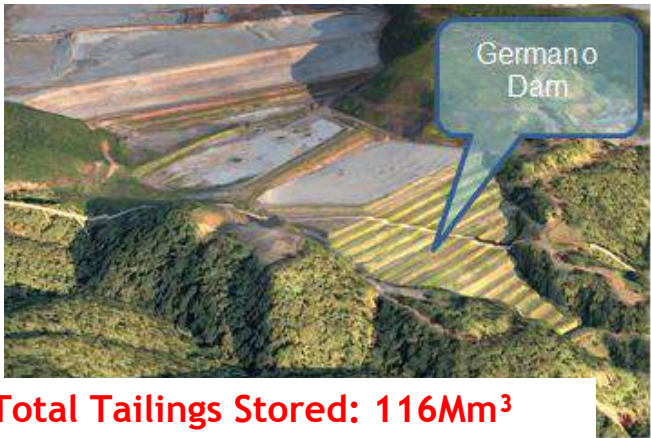
THE RUPTURE OF THE FUNDÃO DAM IMPACTED THE NEARBY COMMUNITIES AND THOSE ALONG THE DOCE RIVER, ALL THE WAY TO THE SEA.

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STRUCTURES OVERVIEW BEFORE THE EVENT



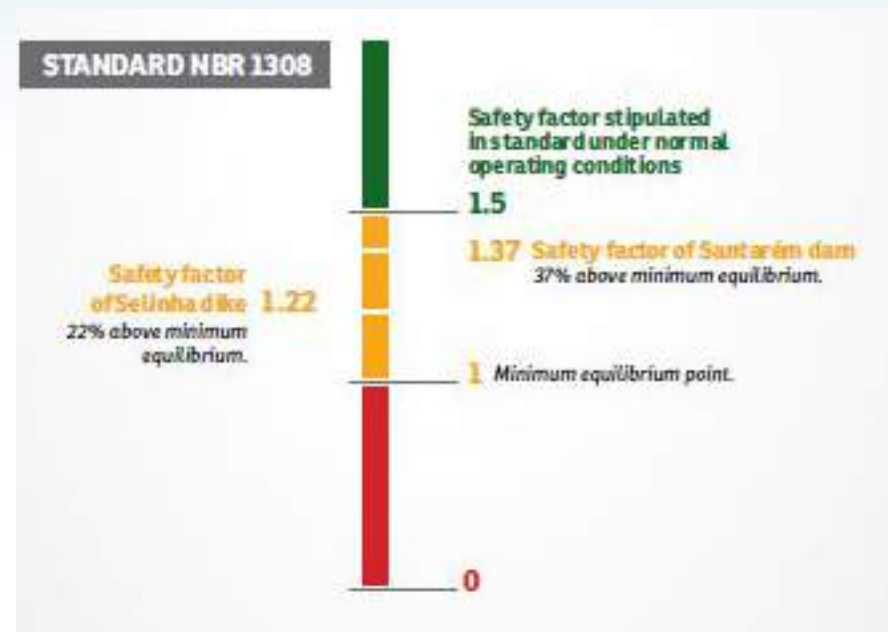


WITH THE RUPTURE OF THE FUNDAÇÃO DAM, THE SAFETY FACTOR OF THE OTHER DAMS WENT DOWN

After the accident, the Selinha dike, an auxiliary structure of Germano, and the Santarém dam suffered a reduction in their safety factor.

The global safety factor is the ratio of resisting forces to driving forces.

Standard NBR 13028 sets safety factors for dams in Brazil at 1.5, or 50% above the limit equilibrium.





24/7 MONITORING OF DAM STATUS

- Help of cameras, big screens, drones, radar and field inspections, as well as visual monitoring
- 24/7 visual monitoring station
- Daily local inspections carried out by a technical team
- Team of 40 people involved in monitoring actions

ADDITIONAL PREVENTIVE MEASURES TO ALERT POPULATION, IN COLLABORATION WITH CIVIL DEFENSE AND OTHERS.

- Pickup trucks with sirens ready to drive through the communities
- Sirens at fixed points
- Instructions to the population

HUMAN RIGHTS RESPONSES ACTIONS

HUMAN RIGHTS

SAMARCO



RIGHT TO INFORMATION AND PARTICIPATION

- Notes for the society - 190
- Samarco's official information channels – around 3000 (grievance mechanism, call 0800)
- Press conference - 5
- Public relations centre - 1
- Ombudsman – 27 related to the accident
- Public relations stations (offices) - 12



RIGHT TO FREEDOM OF EXPRESSION AND OPINION, PEACEFUL ASSEMBLY AND ASSOCIATION

- Dialogue with the Committee of Representatives of Affected Communities (3 times a week)
- Dialogue with all stakeholders (Fishermen association, indigenous communities, farmers, prosecutors and local governances)
- Face-to-face periodical dialogue with the affected communities



RIGHT TO WORK AND TO A DIGNIFIED LIFE STYLE

- Professional profile survey talking with the population (630)
- Work fronts: occupation, work and income (90 positions)
- To re-establish working conditions
- Resumption of business by entrepreneurs
- Professional qualification
- Financial support (160)





RIGHT TO ADEQUATE DWELLING

- Right on the day after all inhabitants from impacted areas were reallocated from the Arena to hotels
- So far, 188 families from Mariana and Barra Longa are lodged in homes rented and furnished by Samarco. Mariana: around 76 families at hotels and 95 at relatives houses.

Renovation and cleaning of houses in Barra Longa (217 identify)



RIGHT TO EDUCATION

- More than **600** students returned to school
- School kits consisting of backpack, pencils, crayons, pens, paints, play dough and other school material
- Renovation of schools and remodelling of other real properties to receive the students from Barra Longa
- Selection of youngsters for admission in the courses of the Federal Institute of Minas Gerais (IFMG)
- Provision of transportation to the students.



RIGHT TO A HEALTHY ENVIRONMENT AND HEALTH

RIGHT TO CONTINUOUS IMPROVEMENT OF LIFE CONDITIONS

- Medical and hospital care at the health centres of the region of Mariana, hotels and B&Bs.
- More than **800** families with psychosocial assistance in Mariana and Barra Longa (1291 people)
- Plan for Reconstruction of the communities and environmental and socioinstitutional recovery in partnership with Golder Associates.



RIGHT TO FAIR NEGOTIATION AND EGALITARIAN TREATMENT, ACCORDING TO TRANSPARENT CRITERIA COLLECTIVELY AGREED

- Transparent decisions with participation of the communities, entities and government
- Priority and transparent criteria with regard to delivery of houses



RIGHT TO COME AND GO

- 100% of the accesses to rural communities were unobstructed
- Reconstruction of seven bridges, two are being concluded



RIGHT TO CULTURE, TO TRADITIONAL PRACTICES AND LIFESTYLES, AS WELL AS ACCESS TO CULTURAL, TANGIBLE AND INTANGIBLE HERITAGE

- In partnership with Sesi, Senai and other institutions, Samarco is organizing street recreation for the children housed in Mariana.
- Recreation day in Mariana park for children and adolescents, ages 3 to 18.
- Delivery of new jerseys and equipment for the soccer team of Bento Rodrigues and Paracatu.
- Donation of equipment and uniforms to the youth group “União Paracatu”.
- Donation of material and musical instruments to the choir “Canta Comigo”, of Paracatu



RIGHT OF INDIGENOUS PEOPLE, QUILOMBOLAS AND TRADITIONAL COMMUNITIES

- Supply of 14.000 litres of mineral water and 30.000 of potable water to the Krenak indigenous people
- Meeting with Funai in Brasília.
- Assessment of impacts among the Tupinikim and Guarani communities , which live in the region of the Comboios reserve, in Espírito Santo
- Acquiring 100 water troughs (100 L) for 100 families;
- Providing support for the installation of water tanks, as per governmental programs, to ensure food safety, with up to 120 16000L-plate-tanks, for human and animal consumption, with co-participation from community members;
- Paying nine minimum wages (R\$7.092,00), per Family, for 126 families, for a minimum period of 4 months, with guaranteed occasional extension, until Rio Doce's water use conditions are re-established;
- Gearing resources for health actions, totaling up to R\$ 20,000.00, as emergency fund to mitigate environmental damage impacts on the health of the Krenak People;
- Installing a fence all along the Rio Doce banks inside the Krenak Indigenous Land
- Others



RIGHT OF VULNERABLE GROUPS TO SPECIAL PROTECTION

- Special care with vulnerable groups in psychosocial assistance
- Criteria of priority for lodging families
- Emergency and long term actions directed to impacted communities



RIGHT OF PROTECTION OF FAMILY AND SOCIAL OR COMMUNITY SOLIDARITY TIES

- Respect for the characteristics and preferences of each family unit
- Conservation of closeness of families and their homes
- Maintenance of the same classmates and teachers in school



**RIGHT OF ACCESS TO
JUSTICE AND
REASONABLE
DURATION OF JUDICIAL
PROCEEDINGS.**



All of the actions are carried out in proper alignment with the competent authorities, particularly the Public Prosecution Service and the Civil Defense.



RIGHT TO FULL REPARATION OF DAMAGES

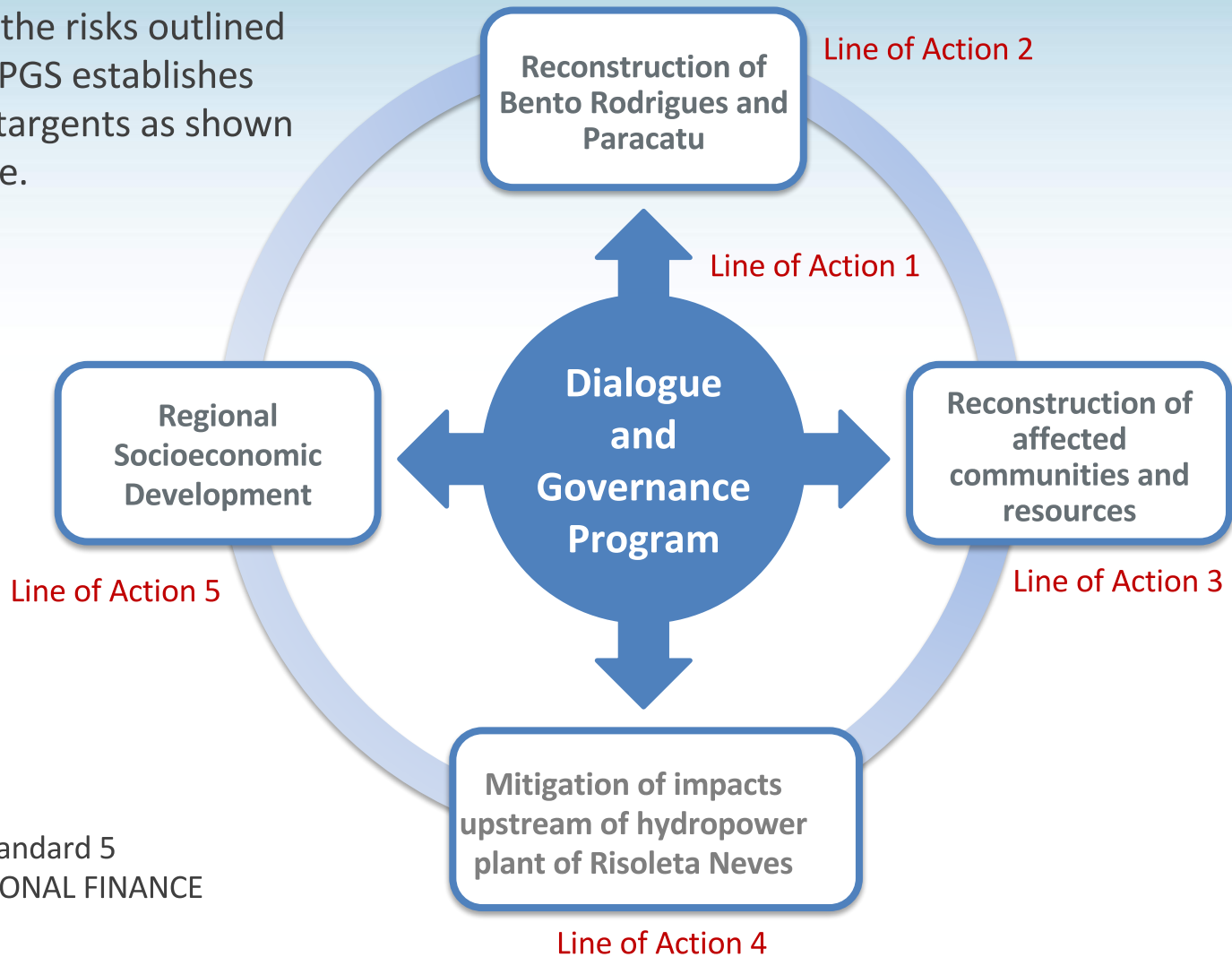
RIGHT TO REPARATION FOR PAST DAMAGES

- Short-, mid- and long-term actions – oriented to social-environmental recovery
- Recovery of dwellings
- Recovery of regional economic development



SOCIAL REPARATION PLAN MEDIUM AND LONG TERM

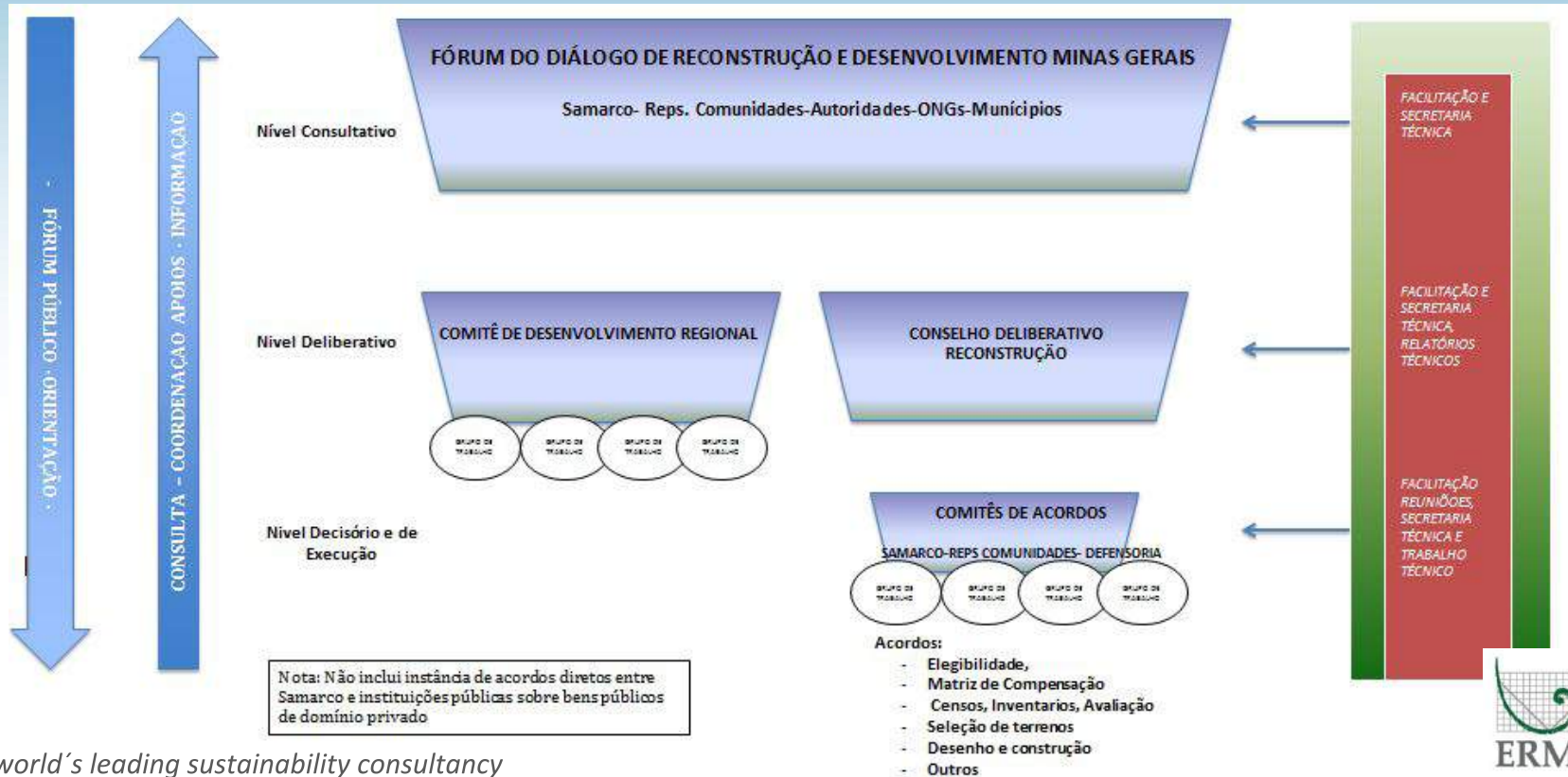
To address the risks outlined above, the PGS establishes five action targets as shown in this figure.



Aligned with standard 5
IFC - INTERNATIONAL FINANCE
CORPORATION



PROPOSED GOVERNANCE AND DIALOGUE STRUCTURE



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Considering the analysis of the interested parties above, the suggestion is to establish the structure below in each state, MG and ES, to address both the issue of community reconstruction and of long range regional development. This structure has the objective of complying with the criteria for relocation, equity and legality, offering forums for dialogue with the stakeholders, forums for guidelines and agreements. There is a specific segment for the validation of the phases of the reconstruction process and mechanisms for collective and individual agreements.



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