

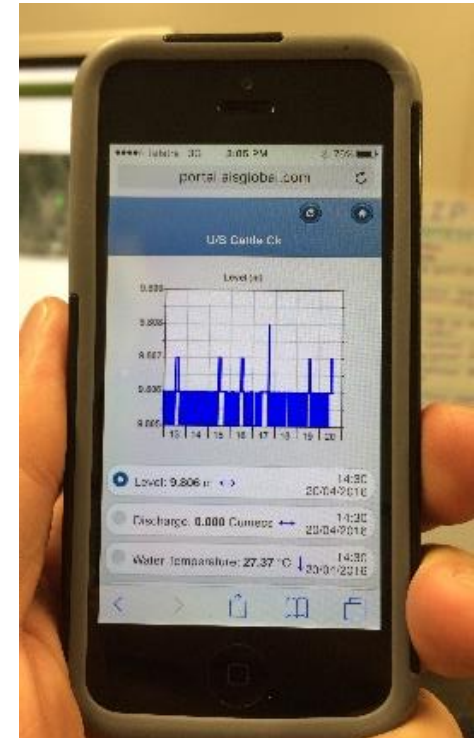
SUSTAINABLE DEVELOPMENT

TAILINGS DAMS



HOLISTIC APPROACH TO SUSTAINABILITY

- Do the fundamental disciplines well
- Net positive impact
- Safety and well-being of communities
- Use of technology and innovation



NEW REGULATION

Policy impact in Brazil from Samarco

- Since the Samarco incident, 18 bills (both at state and federal level) related to tailings dams
- Two of those bills (both Minas Gerais state bills) are most likely to be analyzed and voted in the short term (i.e. perhaps still in 2016) They aim to:
 - Prohibit the upstream method of construction for tailings dams;
 - Prohibit tailings dams construction within a 10 km radius of populated areas – the bill is still unclear as to how this could affect dams already constructed (as Minas Rio) but with heightening plans and our requirements for additional sediment dams;
 - Create an obligation to contract a social-environmental insurance to cover tailings dams

ANGLO AMERICAN APPROACH – KEY CONCEPTS

- Competent persons required in charge of such facilities – right people with the right skills in the right roles
- Teaming up with the Engineer of Record – a close collaboration
- Independent technical reviews – best that you could get
- Internal technical standard – leading practice, mandatory
- Risk management programme – consistently implemented across the Group
- Embrace new technology in dam instrumentation and monitoring – fiber optic cable could help us better understand dam performance

