



20 a 22 de Junho de 2016 - São Paulo/SP

Environmental & Social Impact Assessment (ESIA)

*A how-to guide for the cement
sector*



Philippe Fonta

Managing Director,
Cement Sustainability Initiative (CSI)

World Business Council for Sustainable
Development (WBCSD)

Realização



Associação
Brasileira de
Cimento Portland



Today's presentation

1. Context: Why these guidelines?
2. Overview
3. Document structure
4. Key messages
5. Introducing the revised ESIA Guidelines
6. Q&A

Context: Why these guidelines?

- First CSI-led ESIA Guidelines (2005) in need of updating:
 - Advances in ESIA understanding. e.g.
 - Baseline assessment
 - Mitigation hierarchy
 - Stakeholder engagement
 - Operating in karst areas
 - More accountability, transparency & other requirements
 - Increased social emphasis
 - More user-friendly guidelines
 - Clearer document structure



Biodiversity

- **Already an established key topic in CSI...**

CSI Biodiversity tools & guidance

- Biodiversity KPIs & definitions
- Library of case studies & examples
- Road-tested and developed guidance for the biodiversity screening tool (IBAT)
- Guidelines to support biodiversity management
 - Quarry rehabilitation guidelines
 - Biodiversity management planning (BMP) guidelines
 - ...Revised ESIA guidelines
- But first a closer look



Guidelines on Quarry Rehabilitation

- A consensus view of CSI members on the principles of quarry rehabilitation
- Tips & case studies that test the recommendations given
- Helpful for any company involved in similar quarrying or rehabilitation activities
- Now available in 6 languages (incl. Portuguese) accompanied by a checklist to help track implementation

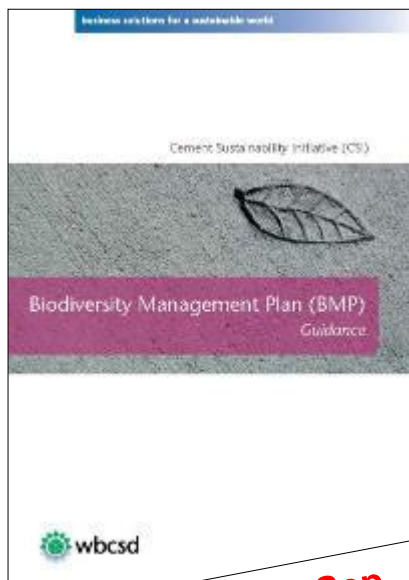


**Released in Dec
2011**

➔ **Effective management and well-planned rehabilitation strategies helps to restore or even create value in quarry sites**

www.wbcscement.org/biodiversity

CSI Biodiversity Management Plan (BMP) Guidance



Released in **Sep**
2014

- A practical resource for use at the site level in developing BMPs
- Provides step-wise guidance on how to develop an appropriately focused management plan
- Published in 2014 (so far only English and Spanish versions)

➔ **Progressive biodiversity management and land stewardship will deliver significant environmental & social benefits, which can greatly outweigh long-term rehabilitation costs**

The CSI Forum 2014, Cartagena

- Theme: 'Conserving Nature's Foundations: Biodiversity & Ecosystems'.
- Well-attended & positive reviews, reflecting sector recognition of biodiversity management as a key issue



Biodiversity in Brazil

The most biodiverse country in the world

- The most known species of plants (55,000), freshwater fish (3000) and mammals (>689).
- 3rd highest ranking country in the world for bird species (1,832)
- 2nd highest ranking country for reptile species
- 2nd in the world for most number of endemic species




Biodiversity is a **material issue** for cement companies

- Vast indigenous knowledge of natural resource use & also dependence on nature (food, shelter, fuel)
- Ecosystem services provided
- Opportunities for development & sustainable use
- High % sites in or close to natural parks & other protected areas

Now back to the ESIA Guidelines...

ESIA – Guidelines: An overview

- **Practical guide** to the ESIA process for all projects:
 - Small to large in both scale and scope;
 - New investments and/or operational expansions
- The **ESIA process** for a project:
 - **WHEN**: Conceptual **design** stage  **construction, operation and decommissioning**;
 - **WHAT**: **Positive** and **negative environmental** and **social** impacts
 - **HOW**: **Engagement** and ultimately **agreement** of all **stakeholders**

➔ If the ESIA is not accepted by the local planning authorities, then permission for the project will not be granted

Consultation process

- Survey to gauge depth of review required
- Tenders invited to identify consultant
- Round-table meeting in Geneva
- Feedback (verbal & written) captured & shared
- Drafts reviewed and commented on by TF5
- Final draft reviewed & approved by CSI Liaison Delegates



Experts & stakeholders consulted



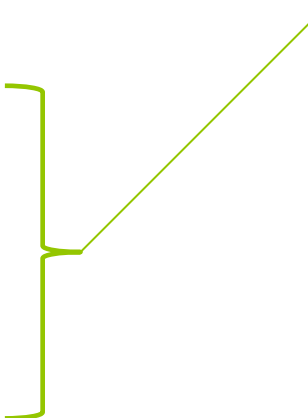
ESIA - Key features

- Presents CSI members' collective expertise in ESIA process:
 - Exposé of experience from a variety of projects in different global regions
 - Aligns with international standards & good practice, beyond minimum regulatory compliance
- Demonstrates the approach for the development of a successful ESIA
 - Core principles
 - Understanding of the existing environmental and social conditions
 - Identification of the potential impacts (positive and negative)
 - Minimizing/mitigating adverse impacts and maximizing potential benefits
 - A step-wise approach, setting out key decision points
 - Principles and objectives of stakeholder engagement

Key features ctd.

- Reflects the developments in cement industry & changes in stakeholder expectations:
 - Both environmental and social issues addressed;
 - All material sustainability issues for the cement industry are considered
 - Links to CSI tools & documents
- Incorporates valuable input from stakeholder groups:
 - Industry
 - Biodiversity NGOs
 - Banks

Document structure

- 1 Introduction
 - 2 Context
 - 3 International Standards
 - 4 The ESIA Process
 - 4.1 Overview
 - 4.2 Project description
 - 4.3 The screening phase
 - 4.4 The scoping phase
 - 4.5 Baseline
 - 4.6 The baseline report
 - 4.7 Impact assessment
 - 5 Stakeholder Engagement
 - 6 Environmental and Social Management & Monitoring
 - 7 Practical Considerations
- ~60% of the document addresses these points
- 

Guidelines - Useful features

- 7 Chapters, logical flow
- 7 Case studies – real examples
- Tables
- Checklists of requirements
- Flow charts



- Links to related information
- Glossary
- References



Launch & uptake

- Text agreed
- In design phase
- Completed by end June



- Launch July 5th
- 2 webinar presentations (time zones)
- Participation welcome!
- Contact: fonta@wbcasd.org



&
Tanya Strevens
strevens@wbcasd.org

Muito obrigado



Questões?

