



Workshop on Validating the Code of Practice for Mine Reclamation and Closure Plans in the Mining Industry of Guyana

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Agenda

- 1- Word of welcome and opening remarks
- 2- Presentation of the Code
- 3- Instructions on workshop's methodology
- 4- Work in small groups
- 5- Plenary session
- 6- Closing remarks

Purpose of the Workshop

Purpose:

To comment, enrich, improve, and adapt the draft Code of Practice to ensure its applicability to Guyana's mining sector.

This is YOUR task to provide the inputs for turning this document into a genuine Code of Practice.

Major challenges

- To make it truly amenable to small and medium-scale mining
- To keep it simple
- To keep it concise and...

To enforce it !!!!

Introduction

GGMC is required by mining regulations to publish Environmental Codes of Practice. These Codes of Practice were prepared by SNC-Lavalin with GGMC's input.

This workshop is intended to validate with the stakeholders the draft Code of Practice for Reclamation and mine closure plans in Guyana's small and medium-scale mining.

A faint, large-scale version of the SNC-Lavalin logo is visible in the background, centered behind the main text. It consists of a diamond shape with four curved lines radiating from its center.

A reminder of basic definitions

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What is a Code of Practice ?

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Code of Practice:

A collection of rules and ethical principles, related to a specific field of activity describing the procedures and setting forth standards considered to be Best Practice in the said field of activity.

In large-scale mining, Codes of Practice are usually designed by and for the industry

What should not be in a Code of Practice:

- Limits of emission (regulations)
- Toxicity levels (regulations)
- Technical specifications such as height, speed, depth, strength, etc. (guidelines)
- Recommendations on changing the law or the regulation

What should not be in a Code of Practice (cont'd):

- List of materials (guidelines or operation manual)
- Frequency of monitoring (guidelines or operation manual)
- Quantitative appraisals

What should be in a Code of Practice :

- **General principles and orientations**
- **Statements of intentions**
- **Qualitative appraisals**
- **General indications on HOW the objectives will be achieved**



**What is a Best
Practice ?**

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Best Practice:

« The best way of doing things »

Best practice is about preventing or minimizing risks to human health as well as adverse environmental, social and economic impacts.

Sustainable Development:

Development that meets the needs of the present without compromising the ability of future generations to meet their own needs.

**Best Practice is one of the
principal ways of achieving
Sustainable Development...**

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**What is the difference
between an environmental
Code of Practice and
environmental Guidelines ?**

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Guidelines:

Non-binding document, generally designed to provide the user with information, explanations, guidance and help on a specific topic. They are a commonly used tool in enforcing a new regulation. The user can be the Regulator or the industry.

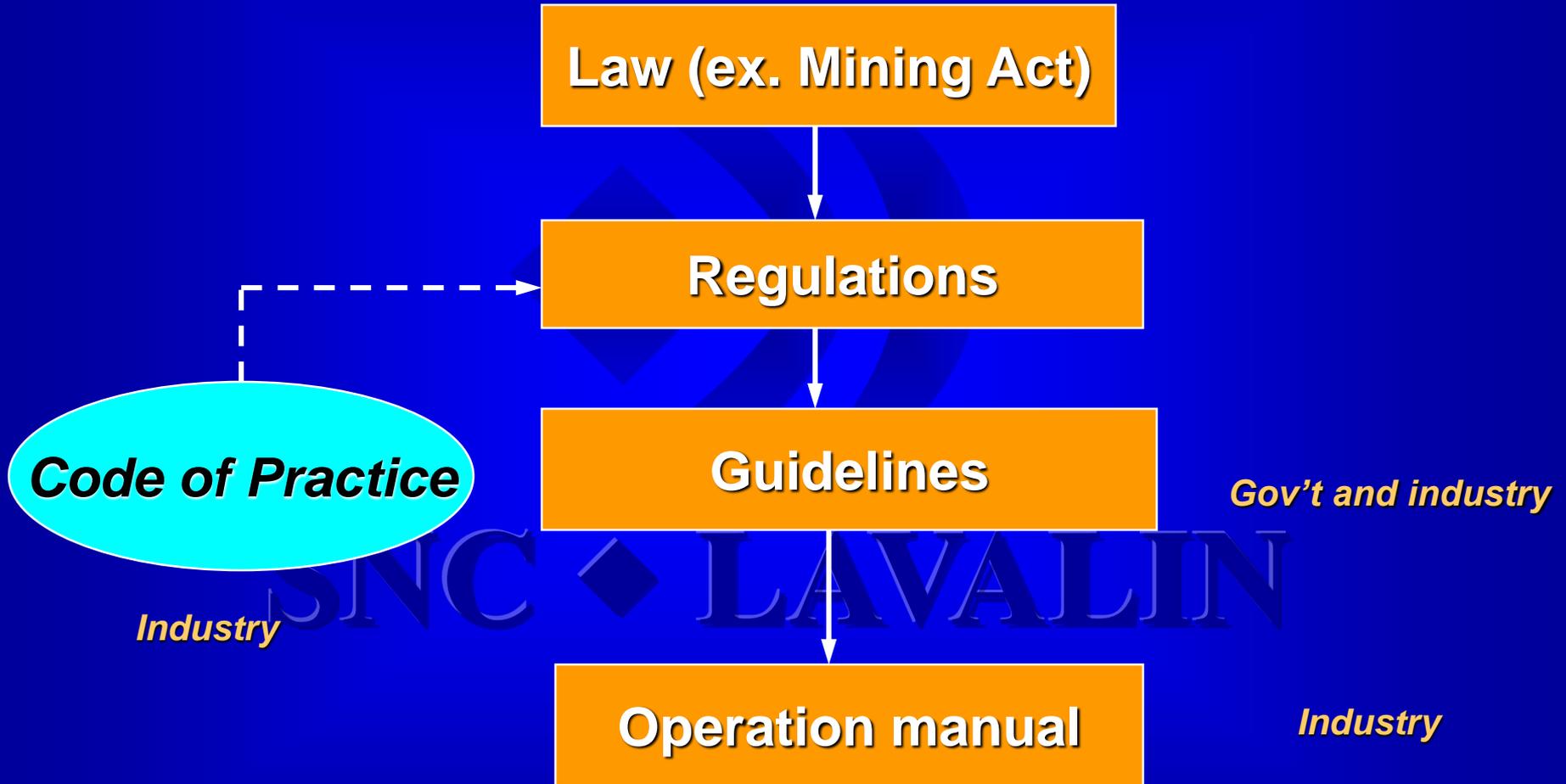
Regulation:

A type of "delegated legislation" promulgated by a state, federal or local administrative agency given authority to do so by the appropriate legislature.

Regulations generally are very specific in nature, they are also referred to as "rules" or simply "administrative law".

Regulations are official rules and must be followed.

To summarize:



Framework of a Code of Practice

1. **Preamble or foreword** (why)
2. **Glossary of terms**
3. **Mission and objectives** (what)
4. **Scope**
5. **Commitments and standards of practice** (how)
6. **Code implementation** (how)
7. **References**

Principle underlying the Codes

The « Peter the Sixth Principle »:

*Prior Planning and
Preparation Prevents Poor
Performance*

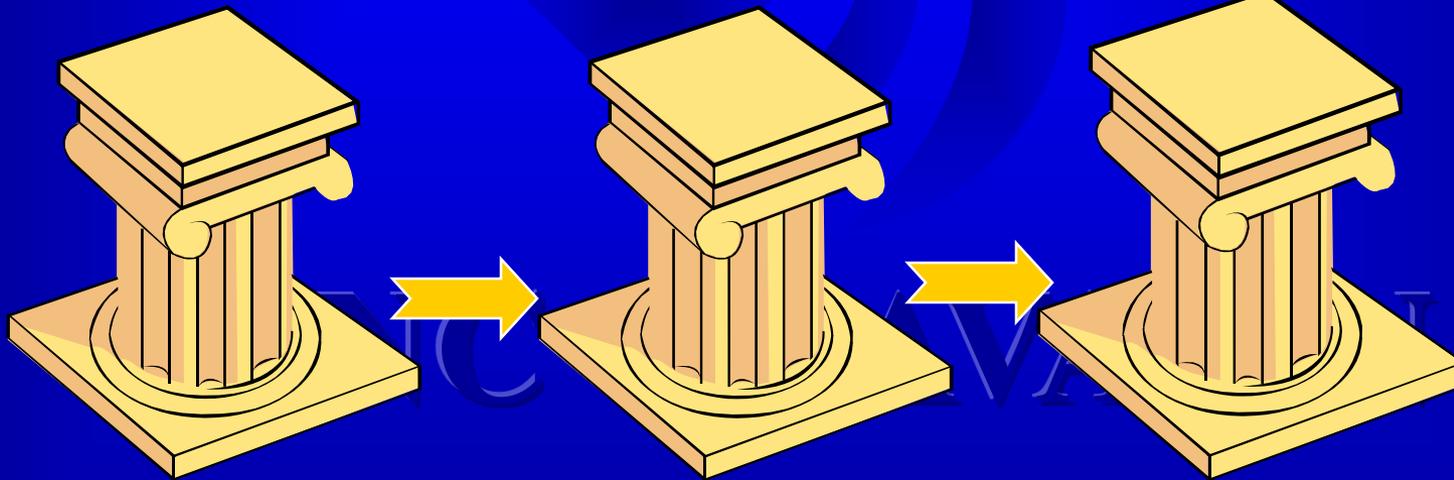
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The Codes' Foundations

1- Planning

2-Implementation

3- Monitoring





Planning

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Planning

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Planning

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Planning



Implementation



Monitoring

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Code's mission statement

Foster sustainable practices so as to prevent and minimize adverse long-term environmental (physical, social and economic) impacts generated by small and medium-scale mines in Guyana, and to create a stable landform suitable for some agreed subsequent land use

Code's objectives

1. ***Ensure that mining sites are restored to a satisfactory condition by:***
 - ***Eliminating unacceptable health hazards;***
 - ***Limiting the production and circulation of substances that could damage the receiving environment and, in the long-term, trying to eliminate maintenance and monitoring;***
 - ***Restoring the site to a condition in which it is visually acceptable to the community;***
 - ***Reclaiming the areas where infrastructures are located (excluding the accumulation areas) for future use;***

Code's objectives (cont'd)

- 2. Improve the level of awareness and education of all parties on the importance of introducing reclamation planning and actions at the early stage of a mine operation;***
- 3. Ensure that reclamation and closure practices are adaptive and dynamic over time;***
- 4. Ensure that reclamation and closure practices are credible and verifiable.***

Scope

Addresses all issues related to mine reclamation and closure, including progressive reclamation

Structure of the CoP on Mercury

Six (6) topics:

- 1. Reclamation planning*
- 2. Progressive reclamation*
- 3. Physical and chemical stability of the site*
- 4. Land use*
- 5. Pre and post-closure monitoring*
- 6. Relinquishment*

Principles and standards of practice (Section 5)

They explain in general terms how we intend to achieve the different objectives set out in the Code's mission for each of the 6 topics

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Implementation (Section 6)

This section is meant to provide more specific and technical information on how to achieve the objectives. In other words, it details the Standards of Practice

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Information on permanent soil stabilization (Appendix A) and Seeding and revegetation techniques (Appendix B)

These appendices have been added to the Code in order to help in implementing some of the reclamation measures proposed in it.

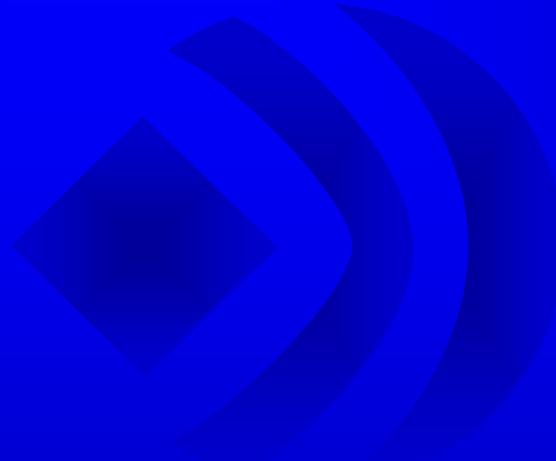
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Instructions on Methodology



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Plenary session



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