

isa.org.jm



# Process (es) for development: Core objectives, Principles & Challenges

**Chapi Mwangi**  
Chief, Contract Management Unit  
International Seabed Authority



# PRESENTATION OUTLINE

---

- Objectives
- Principles
- Challenges
- Process for development



# Core Objectives

---

- Ensure a **level playing field** across the contractor base and the **consistent treatment** of specific risks.
- Preferable: setting **goals** and **objectives** and developing **precise, measurable performance standards**
- **Flexibility** in the choice of process standards, methods or equipment used to meet those goals, objectives and performance standards.
- ***Enhance** technical integrity, **improve** safety, **reduce** environmental damage, and **promote** business efficiencies that result in reduced costs.*



# Principles

---

- Development and use of international standards
- Simplicity and fitness for purpose
- International standards: use without modification where possible, flexibility to recognise regional variations.
- Phased approach: priorities for development based on a consensus of need.
- Use available resources the most efficient way: avoid duplication of effort.
- Company (contractor) specifications should be minimised
- Users are encouraged to be well represented on all critical standardisation work groups.



# Challenges

---

- **The lack of an industry association equivalent**
- **Immaturity of the industry:**
  - Performance standards
  - Process standards
- **Unduly prescriptive standards:** risk of stifling innovation.
- **Change happens:** technology, knowledge and experience.
- **Technical and economic implications of the standards proposed:** industry needs certainty.



# Process

---

- **Handbook** setting out guidance for technical standard and guideline development:
  - best practices based
  - reflect guiding principles: inclusiveness, transparency, effectiveness, relevance, continual improvement.
- **Accountability** for and **ownership** of the development process: the Legal & Technical Commission
- **The Commission:** use *technical working groups* to work on given issues.
- **Technical working group composition:**
  - case-by-case basis,
  - drawing the necessary range disciplines
  - considering the input of relevant stakeholders, including contractors, and various organizations.
- **Concept of technical working groups:** theme is common practice in many international organizations.



# Conclusion

---

- This workshop: the development process has started.
- Take advantage of good principles and processes developed and used by other industries.
- Challenges exist: innovative and maybe even bold solutions needed



THANK YOU

