



# ASSET MANAGEMENT WORKING GROUP

## RELIABILITY WORKING GROUP

The Asset Management Working Group is an operator focused group with global reach. The purpose of the group is to identify and share best practices in maintenance, reliability and life asset cycle management. The objective is to establish a set of guidelines for world class reliability practices applicable to mining and create a community of interest for the sharing of knowledge related to asset management in mining. The role of the group is to identify leading practices to improve asset safety and reliability, increased equipment runtime, improved production and lower operating cost.

## OBJECTIVES

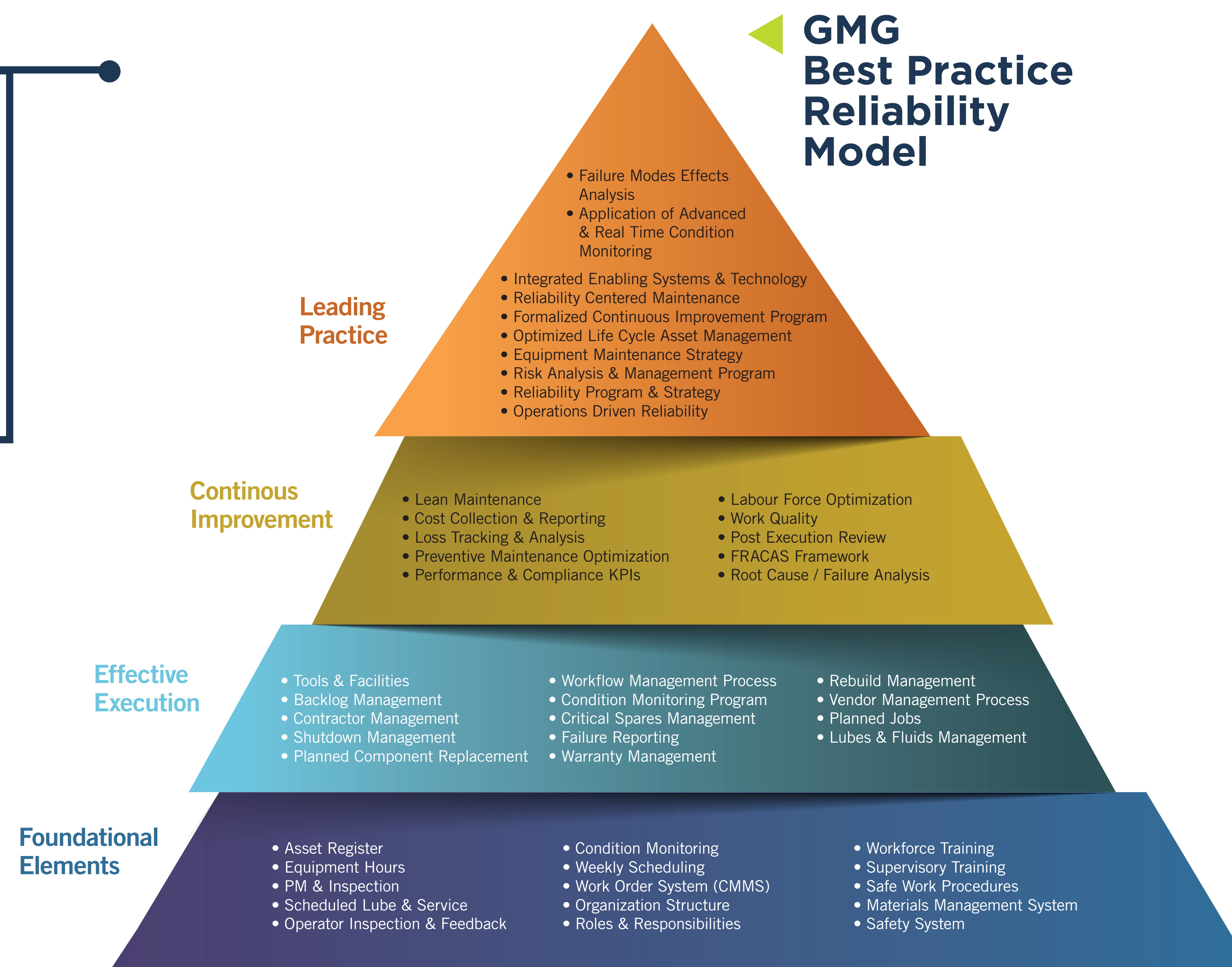


### Immediate Focus Areas

- Common maintenance and reliability metrics
- Identification of best practices topics
- ISO 55000 Support

### Best Practice Areas of Interest identified by Member Survey

- Maintenance & Reliability Organization
- Root Cause Analysis
- Job Planning Standards
- Bad Actors Identification (Top Downtime Cause)
- OEE Definition
- CMMS Systems
- Continuous Improvement



## PARTICIPATING COMPANIES

3D-P, ABB, ALADON, ANGLOGOLD ASHANTI, BARRICK GOLD, BOLIDEN, BUREAU VERITAS, CANADIAN NATURAL RESOURCES, CATERPILLAR, CHECKMARK CONSULTING, COLORADO SCHOOL OF MINES, CSIRO, DASSAULT SYSTEMES, DEXCENT, EPIROC, FLOW PARTNERS, FM GLOBAL, FREEPORT-MCMORAN, GE MINING, GLOBAL INSPECTIONS - NDT, GLOBAL IO, HATCH, HEXAGON MINING, HONEYWELL, IBM, INDIGO, INNOTECH ALBERTA, INTERNATIONAL MINING, JVA, LAKESIDE CONTROLS, MACE CONSULTING, MACHINE SENSORY, MAPTEK, MCS PRO, MINESENSE TECH, MODULAR MINING SYSTEMS, MOSAIC, MST GLOBAL, NACG, NEWMONT, OSISOFT, PEABODY ENERGY, PRAIRIE MACHINE & PARTS, PRO SYGMA, PROUDFOOT CONSULTING, QUEEN'S UNIVERSITY, RIVOS, RIO TINTO, ROCHE, SANDVIK, SHERRITT INTERNATIONAL, SIBANYE-STILLWATER, SMEC, SSR MINING, STRATEGIC TECHNOLOGIES, SUNCOR, SYMBIOTIC INNOVATIONS, SYNCRUDE, TECK, THE ELECTRUM GROUP, TOTAL, TRONOX, VECTORE, VOLVO, WENCO, WESTMORELAND COAL COMPANY, XRT CONSULTANTS