



ESG – Sustainability and the Professional

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SAIMM ESGS Committee



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A simple concept with multiple dimensionsdepending on your perspective

Sustainability.....

“Meeting the needs of the present without compromising the ability of future generations to meet their own need”
(Brundtland, UN, 1987).



- **Context**
- **Role of Business**
- **Role of the SAIMM**
- **Role of the professional**
- **So, what does this mean to you as a professional?**
- **Closing**

Minerals and Metals Industry - United Nations SDG's and ICMM alignment & Governance



ICMM
International Council
on Mining & Metals

MINING WITH of
PRINCIPLES

ICMM 10 PRINCIPLES

- 1 Ethical business & sound governance
- 2 Sustainable development in decision-making
- 3 Respect for human rights
- 4 Effective risk management
- 5 Health & safety performance
- 6 Environmental performance
- 7 Conservation of biodiversity & land-use planning
- 8 Responsible use & supply of materials
- 9 Social contribution
- 10 Engagement & transparent reporting

ICMM is an agent of change. Bringing together 27 of the world's largest mining and metals companies, and over 30 regional and commodities associations, we exist to enhance the social and environmental performance of the mining and metals industry.

For more information on our 10 PRINCIPLES visit www.icmm.com



S&P Global



Role of the Southern African Institute of Mining and Metallurgy (SAIMM)

We see it as our mandate to inform, educate and convene our members through dialogue and debate on critical issues.

- **Build member capability, influence professional behaviour and create industry dialogue on sustainability and responsible mining.**
- **Provide thought leadership that creates meaning to the concept of responsible mining, ESG and Sustainability.**
- **Building member capability through creating awareness and understanding and facilitate skills development.**
- **Enable industry and stakeholder dialogue to build shared understanding of opportunities and challenges, and to find the common ground.**
- **Maintain and expand influence in the governance area, specifically minerals industry reporting codes, to ensure effective integration of ESG-S aspects**
- **Through these activities create a logical professional home for ESG-Sustainability practitioners in Southern Africa**

Role of the professional?

Professionals have a critical leadership and influencing roles towards sustainability, ethical practice, and social responsibility.

- Professionals have a significant role in helping society develop and achieve a sustainable way of living.
- Execution of professional activities invariably encompasses social, ethical, environmental, and economic challenges across multi-disciplinary teams in a variety of locations and social contexts.
- Due to their knowledge and skills, professionals are the potential providers of options and solutions to minimise environmental impact and optimise social value.
- Professionals need to be informed, committed, creative, and play an active role in the responsible management of the planet's ecosystems, and in so safeguarding the security and prosperity of future generations.

So, what does this mean you as a professional?

There is an opportunity to positively impact sustainability, ethical practice and social responsibility through what we say and do in our work.

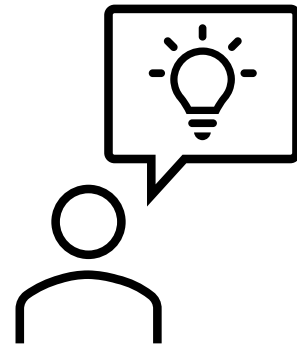
- **There is an opportunity to positively impact sustainability, ethical practice and social responsibility through what we say and do in our work.**
- **We need to broaden our perspective across our areas of responsibility and influence the way we think about sustainability challenges.**
- **We as professionals, need to consciously “think about the sustainability issue differently, in order to build different outcomes, sustainable outcomes”.**

PV and thinking differently - Agrivoltaics

AGRI-VOLTAICS

“Integration of solar PV and Agriculture, combining renewable energy with job creation, food security and beneficial land use.”

Objective: Carbon neutrality ➡ renewable energy ➡ photovoltaics



SUSTAINABILITY ➡ **AGRIVOLTAICS**



Closing

Ultimately, sustainable and responsible mining needs to become a fundamental part of the way we think and behave as professionals.

- We need to be critical thinkers, be curious, seek out and understand the interconnectivity of the 'parts', acknowledge the multiple perspectives, recognize that sustainability has different time and spatial dimensions to the mine site.
- ESG-Sustainability is not simply about compliance, offsets and CSI, yes these are important BUT it is rather about adopting and promoting, holistic, systems-based thinking and solutions to minimize environmental impact, ensure social stability, allow informed investing and to drive long term sustainability of the world.
- We should revisit our business strategies based on an industrial ecology logic and build solutions that consider the interacting components as parts of a complex adaptive system, to develop sustainability and obtain enduring social license to operate.
- The ability to make this shift in perspective, to create new sustainable solutions, lies with us and the way we chose to think about the solutions that underpin the execution of our business strategies.

Thank you



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