

# IndonesiaWISE expertise in Sustainable Manufacturing



“For the most part during the last 100 years including the first two decades of this century, manufacturing has either not been or at best, has only partially been, sustainable. Excess usage of mined resources, fossil fuels, water, hazardous chemicals and burgeoning carbon footprints, are evident and well-documented. Spewed effluents have polluted the atmosphere and water bodies. Circularity remains a pipe dream with governments having to handle and process exponentially increasing quantities of waste. Progress on sustainable product innovation and providing these at reasonable cost to consumers, remains slow and inconsistent. Sustainable Development Goals, specifically Goal 12 (Responsible Consumption and Production) and 13 (Climate Action) cannot be met without concerted efforts towards Sustainable Manufacturing. While some well-intentioned companies are taking some serious steps, the laggards and naysayers need to be held accountable by regulators, customers, financial institutions and communities. Governments must rapidly move towards zero tolerance for non-compliant, accident-prone, polluting and environmentally degrading enterprises.”

Amol Titus, CEO IndonesiaWISE, Sustainable Finance Expert, Writer and Senior Visiting Professor



Under the inspiring leadership of Mr Amol Titus, a leading international Sustainability Expert, IndonesiaWISE has been assisting manufacturing companies, business groups, industry associations and small medium enterprises for over 15 years. Our Sustainable Manufacturing advisory spans –

- i. Policy Support
- ii. Regulatory Compliance
- iii. Sustainable Manufacturing Strategy
- iv. Environment, Social, Governance protocols
- v. Innovation of Eco-Friendly Products
- vi. Supply Chain Assessment
- vii. Environment, Health and Safety protocols
- viii. Training and Capacity Building
- ix. Seminars and Webinars
- x. Participation in International Multi-Stakeholder Projects

From our HQ in Jakarta, we provide support across ASEAN and international markets. To contact please use details on last slide.

**EmergingWISE!**

**IndonesiaWISE!**

IndonesiaWISE consulting, policy guidance, capacity building and partnerships in Sustainable Manufacturing are helping implementation of SDGs in key emerging markets like Indonesia



**EmergingWISE:**

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**IndonesiaWISE applies Environment, Social and Governance (ESG) criteria in addition to prescribed industry and regulatory standards in our Sustainable Manufacturing capacity building, research & advisory initiatives.**

*Framework ESG criteria are excerpted from I.N.G.E.S.T Sustainability by Amol Titus, copyright protected.*

*Please correctly attribute source*

### Environment Criteria

1. Environment Impact Assessment
  2. Environment Clearances as per Regulations
  3. ISO Certifications
  4. Industry specific Environment Standards
  5. Energy Management and use of Renewables
  6. Water Management
  7. Industrial Waste and Pollution Management
  8. Hazardous Materials Management
  9. Progress of Reduce, Reuse, Recycle programs
  10. Carbon Footprint Assessment and Reduction
  11. Climate Change Impact Assessment and Adaptation
  12. Conservation Support
- Indicative only not exhaustive*

### Social Criteria

1. Industrial Health and Safety Protocols (internal and external)
  2. ISO Certifications
  3. Adoption of Human Rights Standards and Protocols
  4. Freedom of Association policies
  5. Zero Forced Labor Protocols
  6. Employee (Permanent and Contract) Welfare and Benefits
  7. Corporate Social Responsibility Activities and Impacts
  8. Community Grievance Mechanism
  9. Support for MSMEs in the community and supply chain
  10. Stakeholder Engagement (NGOs, Media, Academia, Associations)
  11. Natural Disaster Support
- Indicative only not exhaustive*

### Governance Criteria

1. Board resourced with Independent Directors
  2. Independent Audit Committee
  3. Independent Nomination and Remuneration Committee
  4. Independent Risk Management Committee
  5. Independent Sustainability Committee
  6. Code of Conduct
  7. Zero Bribery Policy
  8. Whistleblowing Policy
  9. Diversity, Inclusion and Equity Policies
  10. Employee Grievance Mechanism
  11. Regulatory Compliance
  12. International Standards of Disclosure and Reporting
- Indicative only not exhaustive*



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- Indicative only not exhaustive*

#### Health Criteria

1. Ambient Working Conditions
  2. Employee Health
  3. Facilities for Special Needs individuals, pregnant women and lactating mothers
  4. Support during pandemics and disease outbreaks
  5. Adequate hygienic toilets
  6. Adequate hygienic canteen/eating area
  7. Adequate clean drinking water
  8. Sports and wellness facilities
  9. Employee Health Insurance
  10. On-site clinic with timely first aid and initial treatment
  11. Community Health safeguards
  12. Non-discrimination on account of health
- Indicative only not exhaustive*

#### Safety Criteria

1. Zero Accident Policy
  2. Fire Safety Equipment, Audits and Drills
  3. Electrical Cabling audits and upkeep
  4. Storage of Hazardous Chemicals
  5. Process Heat Management and Safeguards
  6. Adequate Safety Gear for employees and visitors
  7. Safet movement of goods on premises and on external routes
  8. Strict No Smoking protocols
  9. Emergency Evacuation Procedures, Audits and Drills
  10. Regulatory compliance
  11. Emergency Evacuation protocols
  12. Community Safety safeguards
- Indicative only not exhaustive*



IndonesiaWISE emphasizes the importance of Housekeeping Excellence using the proven Kaizen 5S/5R Framework (Seiri-Seiton-Seiso-Seiketsu-Shitsuke/ Sort-Straighten-Shine-Standardize-Sustain/Ringkas-Rapi-Resik-Rawat-Rajin). Workplaces and manufacturing sites demonstrating these principles also improve their Safety preparedness.



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IndonesiaWISE:

Through its popular esgWISE program IndonesiaWISE disseminates principles and best practices related to Environment, Social and Governance to corporate employees



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IndonesiaWISE advisory on Sustainable Manufacturing is based on deep sector understanding and periodic on-ground assessments of progress on sustainability parameters. Support is provided to senior managers and corporate boards in implementing Sustainable Manufacturing roadmaps.



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IndonesiaWISE CEO Mr Amol Titus has for decades emphasized the importance of Sustainability principles in the Resources sector (Agricultural and Minerals) where malpractices like deforestation, degradation, pollution, violation of rights of indigenous people and unethical business practices must be avoided to prevent sanctions, penalties and consumer boycotts



IndonesiaWISE CEO Mr Amol Titus has been a pioneering advocate of Sustainability for decades in the ASEAN region with special focus on domestic companies and supply chains, policy guidance and assessment of progress and disclosure



Warta Ekonomi Magazine would be honoured by your presence at



Warta Ekonomi

Sustainability Forum 2011

## Adopting Corporate Sustainability

PEONY TULIP ROOM • MULIA HOTEL JAKARTA  
APRIL 28, 2011 • 08.00 - 14.00

Keynote Speaker : Drs. M.R. Karlinsky, M.S.  
Deputi Menteri Lingkungan Hidup Bidang Pengendalian Pencemaran Lingkungan

**Presentation**

 <p><b>Noke Kiroyan</b> Chairman Indonesia Business Link</p>	 <p><b>Amol Titus</b> CEO Indonesia WISE</p>
"Implementing Sustainability: The Role of Leadership"	"Global Trends in Sustainability: Sustainability as The Key Driver of Innovation"

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Mr Amol Titus, CEO of IndonesiaWISE has helped socialize Sustainability imperatives through numerous articles published in prominent national media for over 2 decades. These writings have been often quoted in research at Universities and Institutions who regard him as a prominent Thought Leader. A compilation of articles has also been published in book form.



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### Sustainability 'key' among progressive companies

The Jakarta Post, Jakarta | Wed, 08/08/2007 12:54 PM

Amol Titus

Such is the nature of modern capital markets that they take inordinately long to support fundamentally sound concepts like "sustainability" while showing a frenzy over ideas and jargon like "short-term shareholder value" that often fizzle out but not before causing huge, and often costly, distractions. For it was over two decades ago in 1987 that the *Brundtland Report* to the UN World Commission on Environment and Development espoused sustainability as the noble objective of "meeting the needs of the present without compromising the ability of future generations to meet their needs".

Had governments, companies and consumers wholeheartedly embraced sustainability principles at that time perhaps some of the follies caused since by excessive consumption, widespread exploitation of natural resources, inadequate attention to renewable sources of energy and raw materials and weak and uncoordinated regulatory



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### G.E.M.S. of Leadership – Sustainability

Amol Titus | Management | Wed, July 14 2010, 10:25 AM

Overuse and misuse of words erodes their power and impact. Unfortunately, in today's casual "cut and paste" copycat mentality this trend has accelerated in the field of management. Thus everyone is "truly great", there are many "paradigm shifts" and everything is "sustainable". Well, not quite. Especially when it comes to sustainability, the loose reference and implementation of what should be a critical aspect of management is clearly evident. The original Brundtland definition of sustainability stressed on careful usage of scarce resources and protecting these for future generations — the core of this definition clearly relating to environmental management by governments, corporations and individuals.

Yet today when the word sustainability is uttered in virtually every speech and advertisement it is also taken to include sustainability of shareholder interests, community relations, CSR, market shares, profitability, talent pools and so on. Sustainability reports have extended sections on company vision, mission, philosophies, organizational structure and so on.

There are other disciplines and tools in management to already deal with this — annual reports, investor summaries, public relations releases, business viability assessments, commercial audits and so on.



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The Jakarta Post

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### Insight : The case for ethical competitiveness

Amol Titus | Sat, 06/11/2011 1:06 PM

Conferences like the ongoing World Economic Forum in Jakarta have rightly shone the spotlight on the promising prospects of rising emerging markets like Indonesia.

The potential of consistent future growth on the back of rich resources, expanding domestic consumption and commendable resilience in international export markets is correctly pointed out.

Equally areas where there is a lack of competitiveness such as infrastructure woes or higher education inadequacies are also being pointed out.

The BRIC (Brazil-Russia-India-China) countries have been growing impressively for over two decades while South Africa, Turkey, Indonesia and a few others have made a deserving claim to be considered as part of the BRIC plus group since the turn of the century.

Various aspects of their competitiveness are being assessed such as soundness of their banking systems, integration with globalized economies, policy reforms, development of capital markets and others.

However, another vital barometer for economic progress needs to be increasingly debated — the case for ethical competitiveness. This issue is to be examined from two dimensions — internal to the country and external in terms of benchmarking with best practices seen in developed countries.

The Jakarta Post

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## Management

### Responsible enterprise gets going in Indonesia

Amol Titus, The Jakarta Post | Sat, 10/09/2010 12:13 PM | Management

For several decades after Indonesia's independence, the corporate sector was also partly responsible for some of the severe problems afflicting the country. These included monopolistic actions, facilitation of corruption, massive debts and write-offs, environmental degradation, lack of transparency and a resistance to adopting international best practice and standards. The rude wake-up call came in 1997/1998 when the Asian financial crisis shook up the establishment, brought ruin to several speculative ventures and triggered a change, slow but steady, in management perspectives.

A decade later in 2008 when much of the developed world was reeling under a Wall Street generated crisis, Indonesian companies and institutions largely weathered the storm. This was in part due to healthier balance sheets, better risk management, tighter controls exercised by an improved, albeit still inconsistent, regulatory regime and an understanding among leading companies that beyond opportunistic profit-taking, reputations are built on corporate responsibility.

Clearly, a prudently structured business model, financial management and implementation discipline are understood to be key aspects of corporate responsibility. But, increasingly the focus is shifting to organizational performance linked to environment social and governance or ESG practices.

# Thank you



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