**Waste 2024 Conference Abstract Submission**

**(for face-to-face Conference which includes live broadcast)**

*Insert presentation title here (max 10 words)*

*My presentation is relevant to the following topic area(s).*

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|  | **Aboriginal community waste management**  (projects, results, planning, what else to be done) |  | **National waste policies & programs** (new schemes, opportunities & recent results) |
|  | **CDS** (new schemes, new containers, innovations) |  | **Organics** (food only vs FOGO, implementation strategies, new services) |
|  | **Circular economy** (case studies, right to repair, trials, new materials targeted) |  | **Plastics** (plastics recycling, plastics recovery schemes, small and large scale plastics projects) |
|  | **Climate change** (new innovations, strategies & policies) |  | **Problem & hazardous waste** (asbestos, clinical & medical, illegally dumped hazardous waste, systems for managing hazardous materials) |
|  | **Collections** (innovations, new systems, vehicles, challenges) |  | **Procurement** (recent process developments, case studies, planning) |
|  | **Disaster waste management** (bushfires, floods, pandemic) |  | **Project Planning** (projects currently planned, challenges and barriers, planning controls and conditions, project management) |
|  | **Economics** (business cases, data gathering, planning for financial impacts, reviews & analyses) |  | **Product stewardship & extended producer responsibility** (current & planned schemes, new materials to be captured by schemes, local schemes for recovery) |
|  | **Education** (behaviour change, community engagement, social media, planning FOGO education) |  | **Recycling & resource recovery** (post China Sword, and export bans, market insights & updates) |
|  | **Energy from Waste** (projects, case studies) |  | **Regional issues** (regional responses to waste settings, collaboration, joint projects) |
|  | **Grants** (major waste grants, outcomes & processes) |  | **Social enterprise** (new entrants, recent endeavours, case studies) |
|  | **Infrastructure & planning** (FOGO capacity, new material recovery planning) |  | **State based issues** (policies, strategies, responses & challenges, border transitions) |
|  | **Innovative projects** (sustainability innovations, artificial intelligence, case studies) |  | **Strategic waste planning & policy** (stakeholder engagement, strategy development, waste policy impacts and opportunities) |
|  | **Landfill & facility management** (facility operations management, strategic planning, facility budgeting) |  | **Technology** (innovations, must haves, how technology will improve or assist with waste responsibilities, AI) |
|  | **Legislation, regulations & levies** (major updates, monitoring & enforcement, response to changes in regulations) |  | **Tenders & contracts** (planning, implementation, contract management, innovations, systems & approaches) |
|  | **Litter & illegal dumping** (prevention, new management systems & innovative & smart initiatives, surveillance) |  | **Waste projects** (planned waste infrastructure, how to plan & scope, budgeting, understanding what is required, governance & process planning, case studies) |
|  |  |  | **Other** |

**Proposed Panel Discussion** -Proposed topic & participants suitable for key issues that may be addressed by a Panel of presenters. For this category suggest your topic & who you will arrange to attend and present (maximum of 5 panel members).

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| **Presentation Title** | Collaboration: The link to sustainable procurement |
| **Presentation Type** | Sustainable Procurement Stream |
| **Session Details** | Wednesday, May 15, 2024 |

**Presenter information**

**Presenter name:** Abbas Elmualim

**Presenter position:** Principal Partner

**Presenter organisation:** Bold Futures

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**Biography**

Dr Elmualim is a passionate sustainability leader with proven track record in architecture, engineering, and construction for Sustainable Built Environment with acumen, drive and tenacity in project management, CSR and stakeholder engagement and management. Worked globally and travelled extensively with cultural sensitivity and diversity celebration resolve. Wide higher education and industrial experience, globally and in UK, Australia and the UAE. Thorough understanding of the sustainability trajectories driving the construction and built environment industries – across the supply chain – including sustainable facilities management and the Circular Economy. Thorough understanding of current and future trends that impact the provision of education, training and employment such as sustainability, globalisation, and the gig-economy.

**Abstract Summary**

Collaboration is a key enabler for the transition to a Circular Economy and the development of efficient waste management solutions and sustainable procurement. It requires the active involvement and commitment of governments, businesses, non-profit organizations, and individuals to create a more sustainable and circular approach to resource use and waste management. A collaborative approach will help to create new industries and job as well as serving our communities and protecting our environment.

**Abstract**

The recent IPCC report (2023) has highlighted the need for concerted effort to address Climate Change. Particularly, the need to advance the Circular Economy in terms of production, application, and use of products across all human activities. The Circular Economy provides the blueprint for advancing zero waste policies and strategies for sustainable futures, growing the economy with less impact on our environments. However, there is a disjointed efforts and hence a gap between the ambitious zero waste policies and the operation at business, local and individual levels. The continued attention to our increasing waste problems provides an opportunity to create the needed linkage between those ambitious policies and strategies with on ground operation, if we to tackle the problems of our waste and advance our collective efforts to address the challenges posed by Climate Change. Linking collaboration as integral to sustainable procurement will enable establishing economic incentives for businesses to adopt circular practices. Governments, businesses, and financial institutions working together can create sustainable procurement frameworks that encourage circular business models and investments in sustainable technologies. Scaling up circular economy as common practices requires collaboration to address challenges related to infrastructure, technology, and market demand. Collaborative sustainable procurement fosters the sharing of resources, knowledge, and expertise. This sharing can lead to innovations in waste reduction, recycling technologies, and sustainable product design. Collaborative efforts can drive research and development in these areas. Collaborative initiatives can facilitate the implementation of circular solutions on a larger scale, creating jobs, serving our communities, and protecting the environment.