

Sustainable Innovation 2019

Road to 2030: Sustainability, Business Models, Innovation and Design

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Mathy Stanislaus, Fellow & Senior Advisor, World Resources Institute & World Economic Forum

Mr. Stanislaus is leading efforts to advance the alignment of environmental, social and economic considerations through a circular economy approach. He is a Senior Circular Economy Fellow at the World Resource Institute. He is serving as Secretariat Chair of Working on Circular Economy of the Global Battery Alliance (GBA) and senior advisor to Platform for Accelerating Circular Economy (PACE), both currently hosting by the World Economic Forum. Both efforts are platforms of senior leaders (CEOs, Executive Directors, Ministers/Secretaries of government agencies) of multinational corporations, national governments and international organizations working to co-design policy and financial solutions to address the exploding growth in raw materials use globally that is driving environmental degradation, social distress and, increasingly, supply chain risks. The decoupling of raw materials use from economic growth is increasingly recognized as a key to addressing the gap in intended nationally determined contributions under the United Nations Framework Convention on Climate Change. The GBA's focus areas are 1) responsible and sustainable supply chains of raw materials, 2) accelerating circular economy transition of batteries and 3) innovation. Among the project level activities, he is leading a partnership among major electronic companies and with the China government to align targets regarding recovering and remanufacturing of electronics in China and advised in the advancement of extended producer responsibility project in Nigeria. He recently advised the Chile Environmental Ministry on the development of a circular economy roadmap and advised representatives of Asia Pacific Economic Cooperation regarding the application of circular economy strategies to Latin America and Asian economies.

He served as a senior political official for the Obama Administration, serving as the Assistant Administrator of the USEPA's Office of Land and Emergency Management, a US Senate confirmed position. At USEPA, Mr. Stanislaus led programmes that revitalized communities through the clean-up and redevelopment of contaminated, and on hazardous and solid waste materials management, chemical plant safety, oil spill prevention, and emergency response. He led the effort to advance the transition to a circular economy through a life-cycle based sustainable materials management approach as a key effort to advance climate change mitigation. Through this effort, he established public-private partnerships with the food sector to achieve SDG 12's goal of reduce food waste by 50% by 2030, with the electronics sector to drive 100% of used electronics recycled to certified recyclers and realignment of regulations to drive circularity in manufacturing. He represented the U.S. at G7 deliberations that led to the formation of the [G7 Alliance for Resources Efficiency](https://www.epa.gov/smm/advancing-resource-efficiency-supply-chain-observations-and-opportunities-action) with a focus on global supply chain. . <https://www.epa.gov/smm/advancing-resource-efficiency-supply-chain-observations-and-opportunities-action>

Mr. Stanislaus is an environmental lawyer and chemical engineer with over 15 plus years of experience in the environmental field in the private and public sectors.