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Multi-level absolute research perspective in sustainable development

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A fter the decades of research and business advancement in sustainable development, the importance of sustainability is undoubtful; however, existing paths toward it is not yet sufficient and do not pursue absolute sustainable industrial systems. For instance, practitioners and academicians are mainly looking at less generating emissions' initiatives from environmental perspective rather focusing on pure sustainable initiatives with not only zero emission but with environmental and social gains. The reason could be multi-level nature of sustainability from focal firm production system to horizontal/vertical supply chain integration to after-use treatment of the products (circular economy). Due to the required high investment for multi-level sustainable development, it is expected from practitioners to ignore the absolute multi-level analysis of sustainability. However, research should put forward frontier innovative solutions for sustainable development looking at green production system and green vertical/horizontal supply chain to circular economy and after-use treatment of products. However, currently these research areas seem to be disjointed. In my multi-disciplinary research on the above areas of industrial sustainable development, this piece of work would present the review of research and practice development in terms of the areas as well putting forward the research frontier in each area.

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