

Accounting Sustainability: Revisiting Energy flows in SUT and IO Tables for EU Countries in the Renewable Energy Era

Topic: Accounting Sustainability in the Input-Output Framework: an Economic Perspective

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Countries across the world have realised that discussions on economic development cannot be devoid of the considerations of the environment and sustainability. A new accounting framework can help understand the checks, balances and trade-offs, leading to decisions enabling sustainable development.

This paper chronicles the efforts made by EU and other countries to implementation of the System of Environmental-Economic Accounting (SEEA), specifically on energy accounting. It also brings to light the need to harness and leverage the technological advancements and data revolution to capture information on the different aspects of accounting and encourage innovative solutions to address the data challenges. Some supply and use tables and IO tables applications to critical issues of specifically energy sustainability will be presented.