

Session 7C

Industry collaboration for solving the sustainability challenge - a blockchain-based approach for product carbon footprint



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Bio: Tobias Ebi worked within the Siemens AG in several leading roles such as Sales Representative, Business Excellence, M&A consultant and leading a strategy transformation project for the former Siemens CEO in the CEO office. Tobias is now an incubator for the Estainium Association to drive the decarbonization of industries. Together with 14 further founding members he out of Siemens perspective established “Estainium” this April.

Brief description: Driving industrial decarbonization holistically in a pre-competitive, cross-industrial, cross-functional ecosystem that includes academia, SME and large corporations.

Abstract:

- 70 to 90 percent of the CO2 emissions for a product are caused in the supply chain
- Create transparency is the best way to ensure resilient, compliant supply chains
- Estainium network enabling manufacturers, suppliers, customers and partners to exchange trustworthy PCF data
- The unique constellation of the ESTAINIUM Association enables us to develop practical solutions to overcome current and future challenges – for all stakeholders

Key words:



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Estainium, Association, Network, CO2, value chain, GHG, cryptographic certificates, working groups, trustworthy, Technology, Infrastructure, Standards, Norms, Carbon Capture, Use, Storage, Compensation