

Dr. Norbert Schmitz (Meo Carbon Solutions): Is Blockchain the Solution for Traceability in Supply Chains? Sustainability Certification for Biomass and Food with ISCC

While blockchain-based solutions currently appear to emerge and disrupt all kinds of industries and markets, this technology could be especially interesting for market participants of sustainable supply chains. Blockchain technology could provide cost-effective opportunities to implement traceability back to the origin of sustainable products for customers and producers. Innovative market developments in this area of research will be discussed and whether responsible companies can improve their level of credibility and accountability in global supply chain set-ups with decentralized blockchain databases.

The second part of the presentation will present the ISCC certification system as another solution for traceable, sustainable and deforestation free supply chains. It is a globally leading certification system covering the entire supply chain and all kinds of bio-based feedstocks and products. Under ISCC high requirements for traceability ensure that the physical way of the biomass can be traced throughout the whole supply chain. Independent third party certification ensures compliance with ecological and social sustainability requirements and greenhouse gas emissions savings. ISCC can be applied in various markets including the food and feed market, the bioenergy sector and the chemical / technical market. Since its start of operation in 2010, over 18,000 certificates in more than 100 countries have been issued.