

## ISCC as a solution provider for sustainably certified biopolymers supply chains

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### Abstract

Ocean pollution, plastic pollution, loss of biodiversity and climate change is global problems that receive increasing attention and need to be addressed urgently. Policies such as the United Nation's Sustainable Development Goals or the EU's 'Strategy for Plastics in a Circular Economy' show the increasing need for a more responsible handling of materials, products, wastes and residues. Innovative companies react and seek practical solutions that contribute to the development of the bio-based and circular economy. International Sustainability and Carbon Certification (ISCC) support the circular and bio-based economy by offering a certification that promotes an environmentally, socially and economically sustainable production. The ISCC certification system is used globally for the chemical industry, packaging, industrial applications as well as in the food, feed and bioenergy markets. It provides credible sustainability certification for all types of agricultural and forestry raw materials, waste and residues, non-bio

renewables, recycled carbon materials and the respective supply chains and is a leading global certification scheme for the bio-based and circular economy. The presentation will offer a deepen overview of the solutions provided by ISCC for credible certification for a sustainable bioeconomy and circular economy. ISCC certification ensures sustainability, certification, feedstock identity and correct on-product claims. Different options for the certification of the supply chains will be presented: physical segregation and mass balance. The applied methods to guarantee that supply chains are deforestation-free will be explained in detail.

### Biography

Norbert Schmitz has studied business administration at the University of Cologne in Germany where he also acquired his PhD. He has worked several years for a leading European management consultancy before joining Meo Carbon Solutions, a Germany based management consultancy focussing on sustainability. While working with Meo, Norbert developed in a multistakeholder initiative ISCC, International Sustainability and Carbon Certification. Since 2010, he is Managing Director of ISCC System GmbH. Today, ISCC is a globally leading certification scheme with system users in 100 countries. 3,500 companies are using ISCC to proof sustainability along supply chains - from agricultural production, trade and conversion to the consumer markets. ISCC covers agricultural, forestry and alternative feedstocks and products for various markets, including bioenergy and chemical/technical applications. The regional focus of Norbert's work is Europe, the Americas and South East Asia.

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