

REDcert² - certification solution for the chemical industry



Attribution and mass balancing

Mass Balancing

is a **method** that allows companies to mix sustainable and fossil materials during production. Instead of tracing atoms, the sustainable share of the input materials is documented and taken over to the final products as an averaged value – even though the physical content of sustainable material can vary. **Attribution** is a concept, that allows companies to accumulate sustainability characteristics in certain products. For example, if 3 tons of plastic bottles are to be produced from 1 ton of recycled material and 2 tons of conventional plastics, attribution rules allow the company to sell 1 ton of bottles as “100% renewable based on mass balancing” and 2 tons as regular fossil based. As long as the overall balance is evened, companies can also choose a different percentage. While waste always results in a proportional loss of sustainable and conventional material, by-products are subject to attribution. This ensures that companies that co-produce sustainable products in their facilities can deliver on a growing market.

