

BASF's Biomass Balance Approach

BASF offers customers a variety of products for which at the beginning of the value chain fossil resources were replaced by a sustainably produced renewable feedstock. For each of our Biomass Balanced Products the amount of necessary resources is calculated and then a respective amount of feedstock is replaced at the beginning of our production chain. As our Verbund includes over 160 production plants connected by thousands of kilometers of pipes, it cannot be traced where the biomass will exactly end up. Therefore, our Biomass Balanced Products are NOT bio-based. However, Biomass was used at an early process step of the chemical production instead of fossil resources. The system can easily be compared to the one of green electricity. All sources feed into one system and the green electricity cannot be separated anymore from the conventional energy production. Nevertheless, you can buy green electricity and thereby contribute to sustainability.

The Biomass Balance approach was developed by BASF in cooperation with an external certification partner (TÜV Süd) and published as Standard CMS71 (<http://www.tuev-sued.de/uploads/images/1495439928171722620209/zertifizierungsstandard-erneuerbare-rohstoffe.pdf>). Regular audits ensure that the feedstock needed for our Biomass Balanced Products is indeed replaced by a respective amount of renewable feedstock. Furthermore, customers receive a certificate proofing their fossil resource savings as well as CO2 reduction.

More information:

<https://www.basf.com/en/company/sustainability/environment/resources-and-ecosystems/renewable-raw-materials/biomass-balance.html>

<https://www.youtube.com/watch?v=cyeXzKzz3s8&t=12s>