



We create chemistry

Biomass Balance Approach: Reduce CO₂ emissions and save fossil resources

A groundbreaking way of using renewable resources in the chemical industry



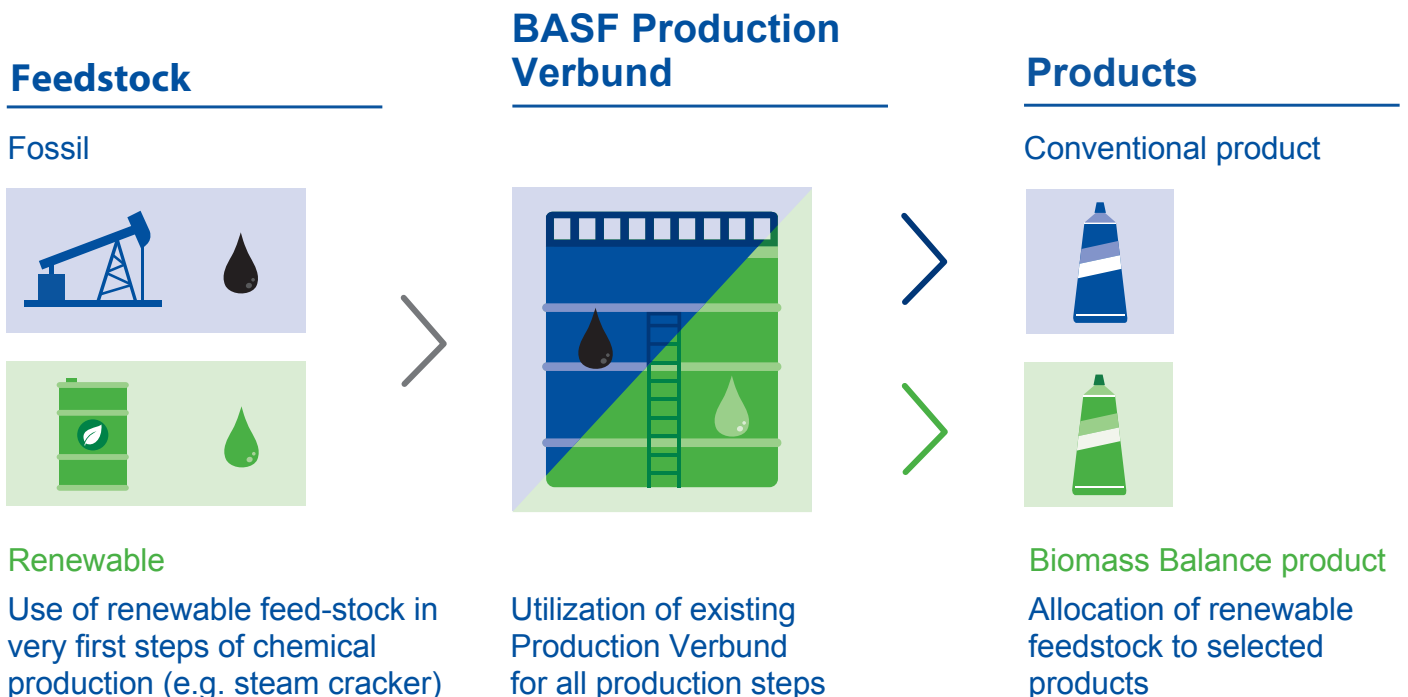
Benefits of the Biomass Balance Approach

- Drives the use of renewable resources
- Reduces greenhouse gas emissions and saves fossil resources
- Independently certified
- Ensures identical product quality and properties

BASF's Biomass Balance Approach contributes to the use of renewable raw materials in its integrated production system and can be applied to the majority of the products in its portfolio.

In this process, renewable raw materials are used as feedstock at the very beginning of the Production Verbund, and allocated to the respective sales products using a third party verified certification method. The certified products thus contribute to sustainable development by reducing greenhouse gas emissions and saving fossil resources.

The Biomass Balance standard was developed by BASF together with an independent certification agency, in 2013. BASF markets its biomass balanced products as BMBcert™ portfolio.





Certified renewable feedstock saves fossil resources

In the Biomass Balance Approach, renewable resources such as bio-naphtha or biomethane derived from by-products of agricultural production, crop or food processing, or residues are used together with fossil resources already in the very first steps of chemical production. The bio-based amount is then allocated to specific products sold by means of the certified method.



Independent certification

BASF has established a closed chain of custody from the renewable feedstock it uses through to the final product. An independent certification confirms that BASF has replaced the required quantities of fossil feedstock for the biomass balanced product you purchase with renewable feedstock according to the REDcert² requirements.



Identical product performance

The method is applied for many BASF products, e.g. superabsorbents, dispersions, plastics and intermediates that are accordingly independently certified. The resulting biomass balanced products are identical in terms of formulation and quality but save fossil resources and are associated with quantifiably lower greenhouse gas emissions. Our customers can rely on the same performance to which they are accustomed and benefit from a drop-in solution.



Save CO₂ emissions

With the Biomass Balance Approach we offer our customers the opportunity to stand out from the competition and directly influence the way they save CO₂ and thereby make a conscious contribution to environmental protection. By having a closed chain of custody the CO₂ equivalent savings for each specific product can be quantified.

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