



# BASF's biomass balance approach

A groundbreaking way of using  
renewable resources in production

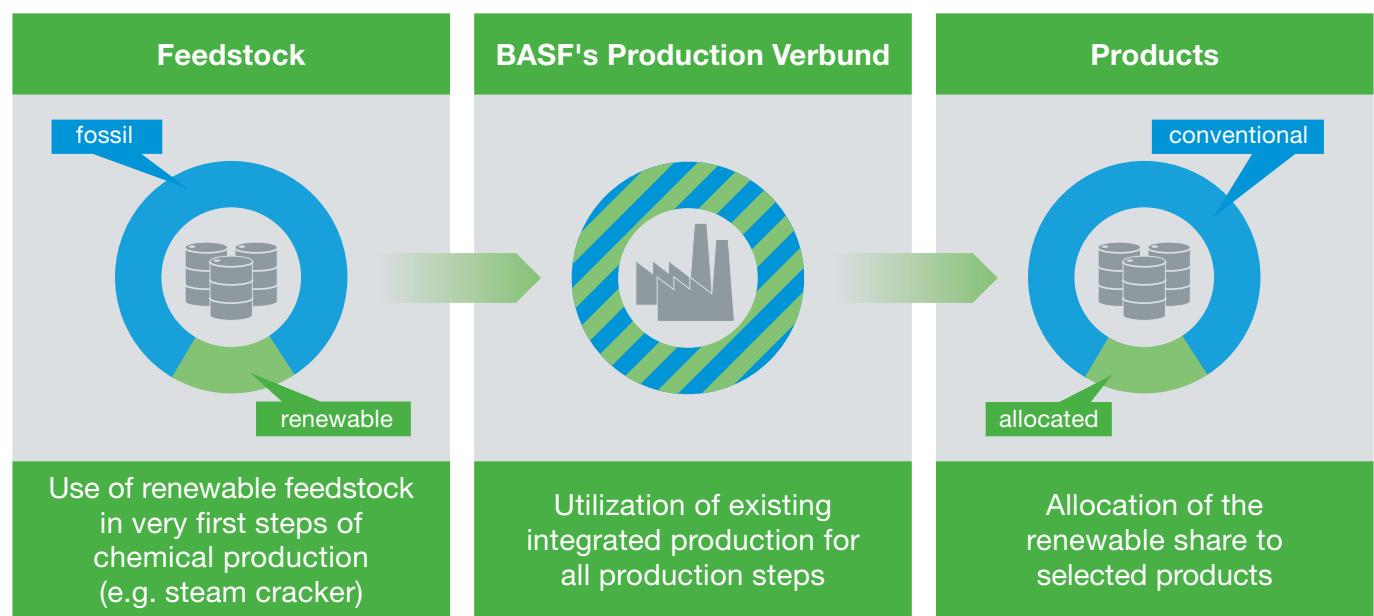


We create chemistry

# BASF's biomass balance approach – A groundbreaking way of using renewable resources in production

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 novel certification method. The certified products thus contribute to sustainable development by saving fossil resources and reducing greenhouse gas emissions.



## Benefits of the biomass balance approach

- Drives the use of renewable resources
- Saves fossil resources and reduces greenhouse gas emissions
- Independently certified
- Same product quality and properties



## Certified renewable feedstock saves fossil resources

In the mass balance approach, renewable resources such as bio-naphtha or biogas derived from organic waste or vegetable oils are used together with fossil resources already in the very first steps of chemical production. The bio-based amount is then allocated mathematically 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 sold biomass balanced product with renewable feedstock in the production site ([www.tuev-sued.de/rr-id](http://www.tuev-sued.de/rr-id)).



## Identical product performance

The method is applied for many BASF products, such as 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.

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