

# BIOMASS BALANCE STYROFOAM

## RENEWABLE REPLACE FOSSIL RAW MATERIALS

In the manufacture of Biomass Balance Styrofoam the required fossil raw materials are 100% replaced by renewable raw materials. Biomass Balance Styrofoam is identical in quality, properties and performance to conventional polystyrene (EPS).

**85% LESS CO<sub>2</sub>**

## Save fossil resources.



### PRODUCT

- identical material and product features such as conventional EPS
- short-term available
- production with existing tools - no additional costs
- reliable certification



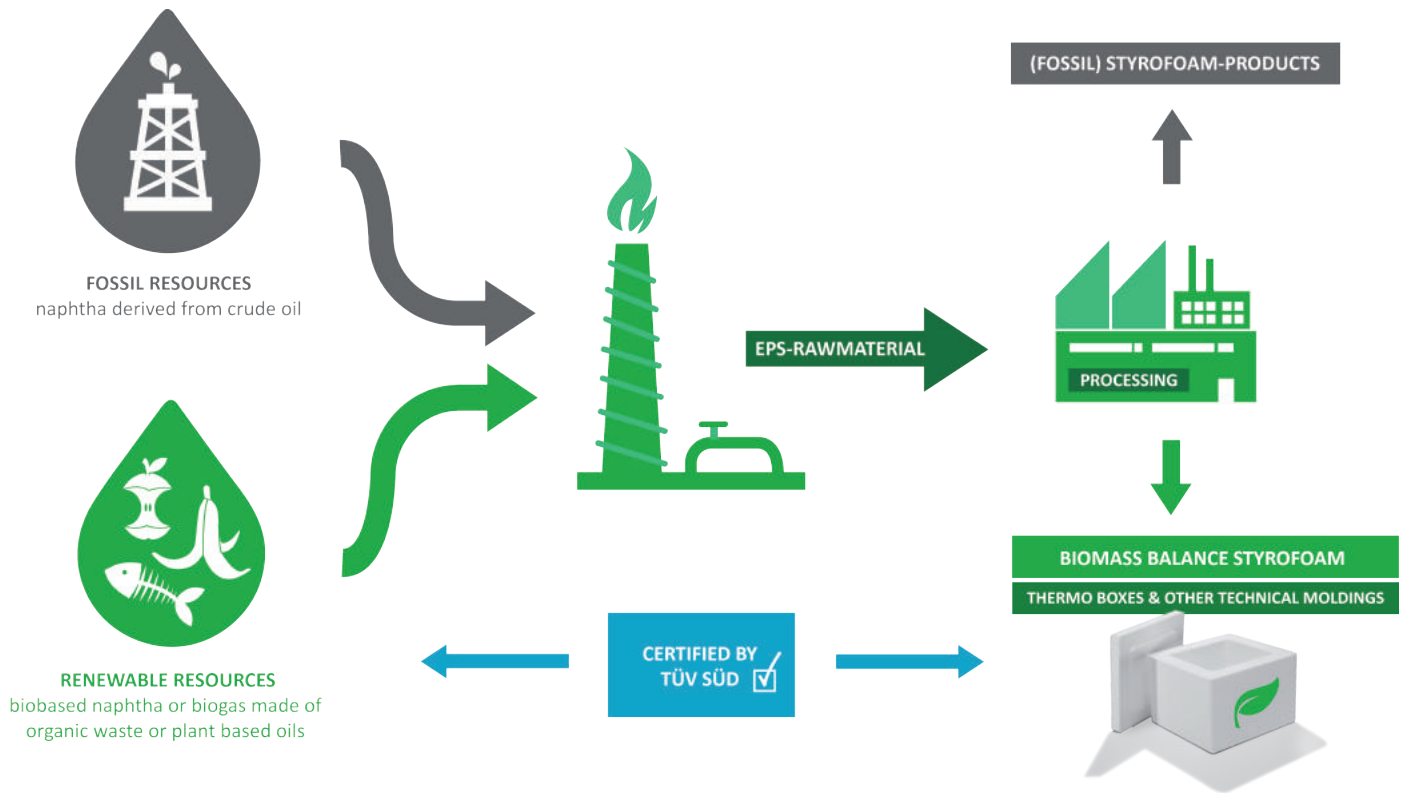
### SUSTAINABILITY

When using one tonne of Biomass Balance Styrofoam, approx. 85% CO<sub>2</sub> is saved compared to conventional Styrofoam. This corresponds to a 10,000 kilometre car journey. At a consumption of 6.9 litres of petrol per 100 kilometres.

# CERTIFIED MANUFACTURING PROCESS



## THIS IS HOW THE BIOMASS BALANCE APPROACH WORKS



## PROJECT EXAMPLE ICEGUERRILLA



### GERMANY'S BEST VANILLA ICE

IceGuerilla ships ice cream all over Germany with boxes from Schaumaplast. Up to 48 hours the award-winning ice cream is optimally tempered on the way. In 2012, the vanilla ice cream was even voted Germany's best ice cream by the Intergastra jury.



**DID YOU  
KNOW?**

The Circular Economy (CE) 100 network of the Ellen MacArthur Foundation supports the mass balance process as a way to promote the recycling economy in the chemical industry.