



# r-LightBioCom

New bio-based and sustainable **Raw Materials** enabling  
Circular Value Chains of High Performance **Lightweight BioComposites**

## Promoting a paradigm shift

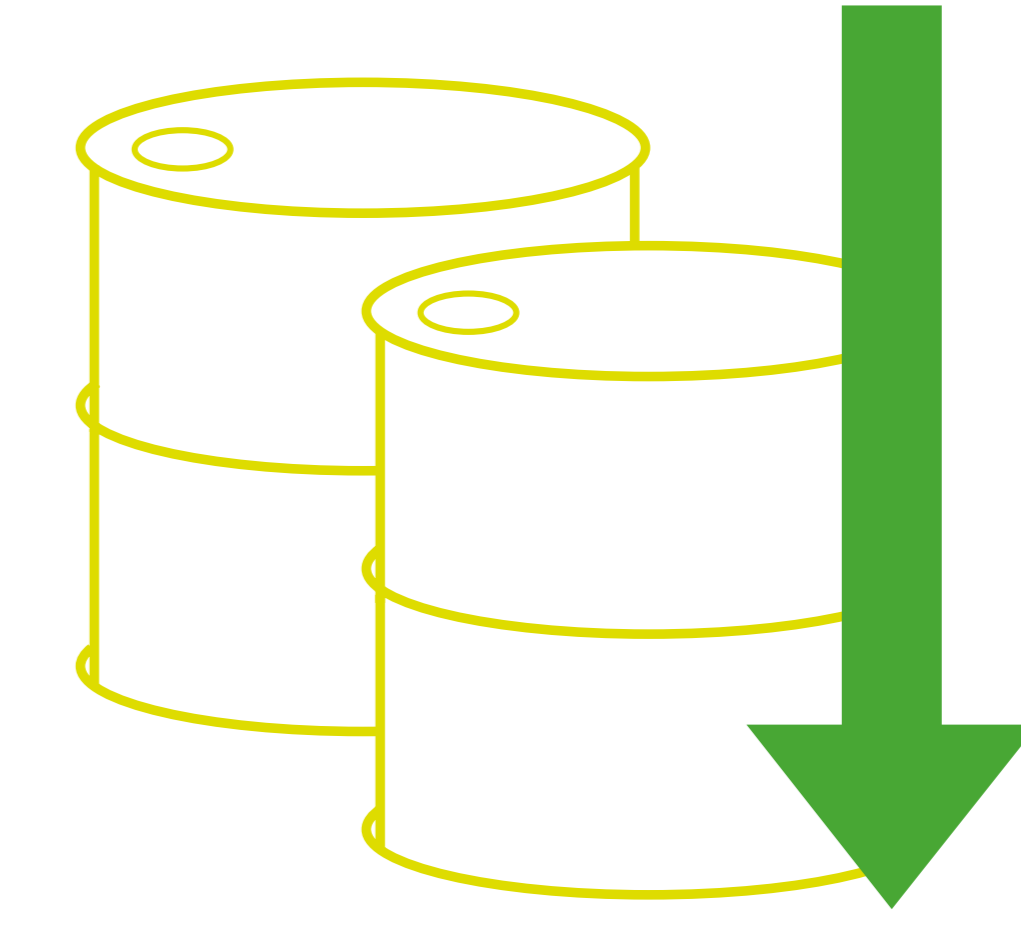
- in the way high-performance composites are manufactured and recycled
- from current linear composite value chains to circular ones



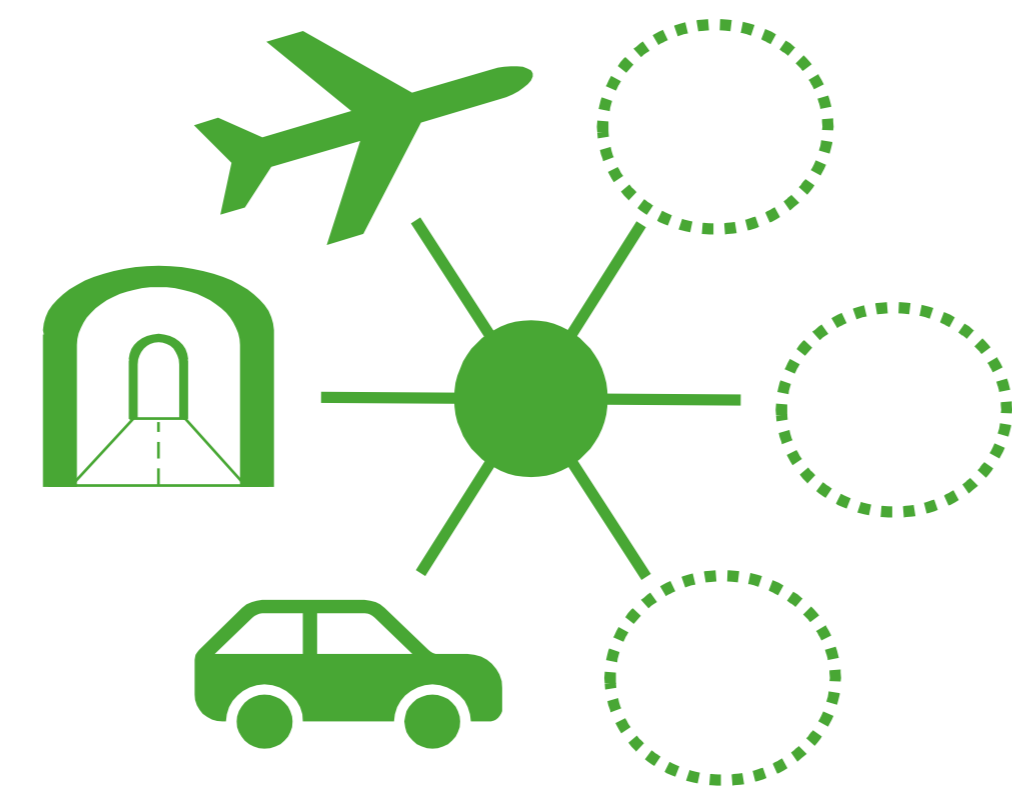
Increased recyclability and sustainability of high-performance composites due to use of biomass



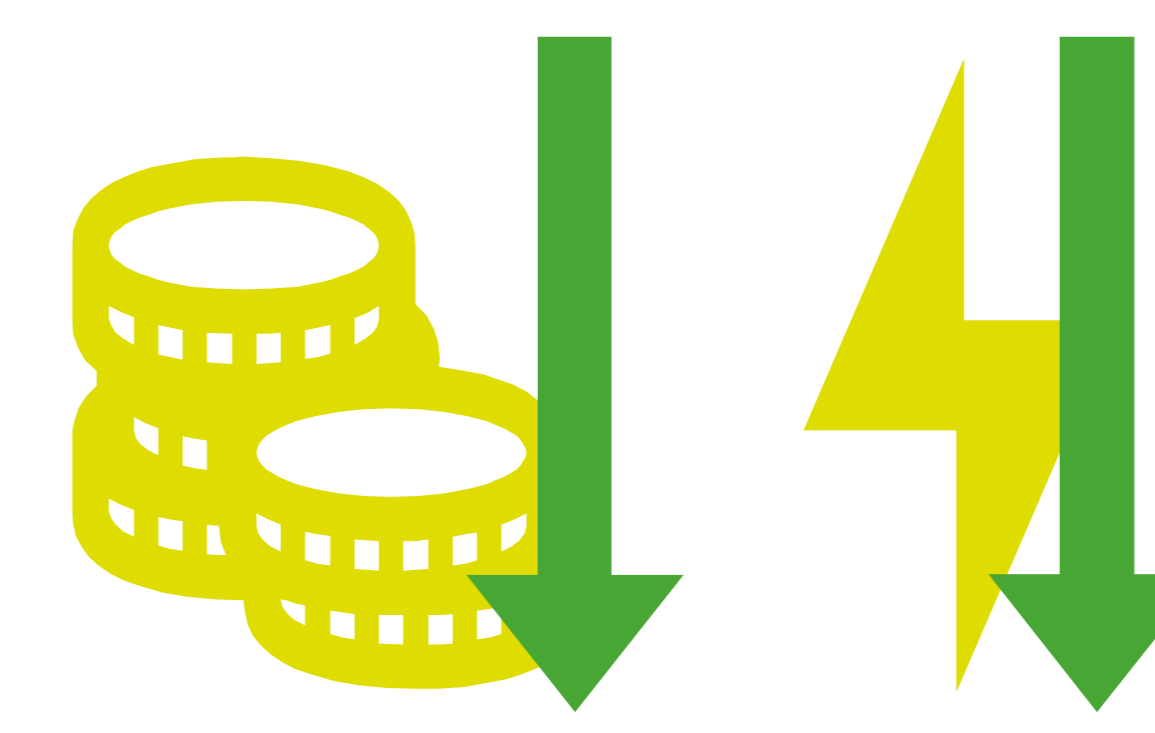
Positive environmental impacts due to lightweighting technologies and bio-based materials



Reduced dependence on fossil raw materials due to the use of biomass in high-performance composites



Wide range of application with increased energy efficiency due to lightweight high-performance composites and sustainable processing technologies

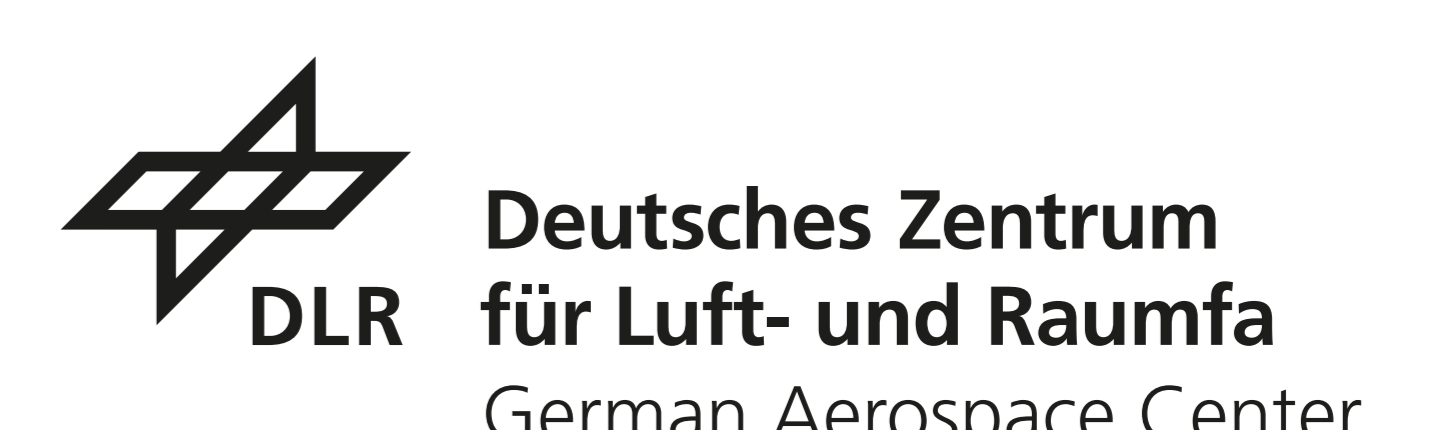


Lower cost and production energy requirements due to improved high-performance composites production processes

[www.r-LightBioCom.eu](http://www.r-LightBioCom.eu)



## Partners



Funded by  
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