



## KPPP CARBON FOOTPRINT INFORMATION



<b>TOE 1: Carbon sequestration in the forest</b> For KPPP forest certification and traceability of fiber supply through certified chain of custodies ensures sustainable forest management. It ensures that carbon stocks in forests remain stable or even improve over time. However, in many cases it is difficult to isolate this effect, attributable to a specific product and forest area.
<b>TOE 2: Carbon stored in the product</b> The amount of CO <sub>2</sub> stored in the product is calculated according to the IPCC formula in the CEPI framework.
<b>TOE 3: GHG emissions from pulp and paper production</b> The energy sources required to process the fibers (electricity, steam, gas) including the emission in the pulp mill are taken into account. Furthermore, emissions caused by internal transport are taken into account. This is based on the current emission value of the german energy mix.
<b>TOE 4: GHG emissions associated with generating the supply of wood or recovered fibre</b> The processing of virgin fibres including thinning, harvesting and loading onto trucks is considered.
<b>TOE 5: GHG emissions associated with producing other raw materials</b> The emissions resulting out of production of all other raw materials are taken into account. Considered are only quantities with a ratio of more than 1% in the finished product. The calculation of all raw materials contained in the paper is based on to 1 tonne of finished paper.
<b>TOE 6: GHG emissions associated with purchased electricity and steam</b> This section presents the company's net energy balance. KPPP considers only the purchased energy quantities, since no energy sale takes place. This is based on the current emission value of the german energy mix.
<b>TOE 7: Transport-related GHG emissions</b> KPPP indicates which emissions are produced by transporting the raw materials from the production site to the paper mill. The focus is on these quantities, with a rate of than 1% of the finished paper. The calculation of all raw materials in the paper is extrapolated to 1 tonne of finished paper.
<b>TOE 8: GHG emissions atributble to product use (e.g. printing)</b> This element is not considered.
<b>TOE 9: GHG emissions attributable to end-of-life-magment of products</b> This element is not considered.
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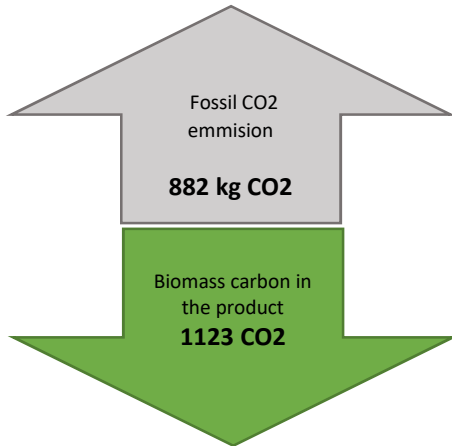
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# KPPP CARBON FOOTPRINT INFORMATION

**Product** NeoPress G, 39 - 48 g/m<sup>2</sup>  
**Company** Kabel Premium Pulp & Paper GmbH  
**Mill** Kabel Mill



Information gathered from 01.01.2022  
 Date of issue 16.05.2023



882 kg/tonne of fossil CO2 were emitted during the manufacturing of this product.

This product contains 306 kg/tonne of biomass carbon equivalent to 1123 kg/tonne of fixed CO2.

		Fossile CO2 kg per tonne paper	Biogenic CO2 kg per tonne paper
TOE 1:	Biomass carbon removal and storage 2 in forests		0
TOE 2:	Biomass carbon in paper and board products		1123
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	332	
TOE 4:	Greenhouse gas emissions associated with generating the supply of wood or recovered fibre	5	
TOE 5:	Greenhouse gas emissions associated with producing other raw materials/fuels	63	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	450	
TOE 7:	Greenhouse gas emissions associated with transportation	32	
TOE 8:	Greenhouse gas emissions associated with product use		
TOE 9:	Greenhouse gas emissions associated with product end of life		
TOE 10:	Avoided greenhouse gas emissions(optional)		
		882	

This Carbon Footprint has been calculated according the manual "CEPIPRINT AND CEPIFINE'S USER GUIDE TO THE CARBON FOOTPRINT OF GRAHIC PAPER".

\* based on the real energy mix of Germany (2017)

### More information

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 Schwerter Str. 263, D-58099 Hagen  
 E-Mail [silke.zimmer@kabelpaper.de](mailto:silke.zimmer@kabelpaper.de)

## KPPP CARBON FOOTPRINT INFORMATION



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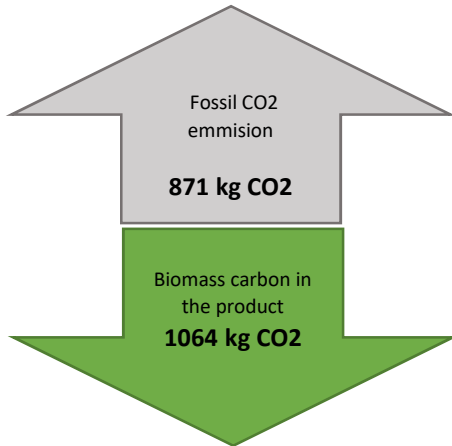


# KPPP CARBON FOOTPRINT INFORMATION



**Product** NeoPress G, 51 - 65 g/m<sup>2</sup>  
**Company** Kabel Premium Pulp & Paper GmbH  
**Mill** Kabel Mill

Information gathered from 01.01.2022  
 Date of issue 16.05.2023



871 kg/tonne of fossil CO<sub>2</sub> were emitted during the manufacturing of this product.

This product contains 290 kg/tonne of biomass carbon equivalent to 1064 kg/tonne of fixed CO<sub>2</sub>.

		Fossile CO <sub>2</sub> kg per tonne paper	Biogenic CO <sub>2</sub> kg per tonne paper
TOE 1:	Biomass carbon removal and storage 2 in forests		0
TOE 2:	Biomass carbon in paper and board products		1064
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	326	
TOE 4:	Greenhouse gas emissions associated with generating the supply of wood or recovered fibre	5	
TOE 5:	Greenhouse gas emissions associated with producing other raw materials/fuels	62	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	450	
TOE 7:	Greenhouse gas emissions associated with transportation	28	
TOE 8:	Greenhouse gas emissions associated with product use		
TOE 9:	Greenhouse gas emissions associated with product end of life		
TOE 10:	Avoided greenhouse gas emissions(optional)		
		871	

This Carbon Footprint has been calculated according the manual "CEPIPRINT AND CEPIFINE'S USER GUIDE TO THE CARBON FOOTPRINT OF GRAHIC PAPER".

\* based on the real energy mix of Germany (2017)

### More information

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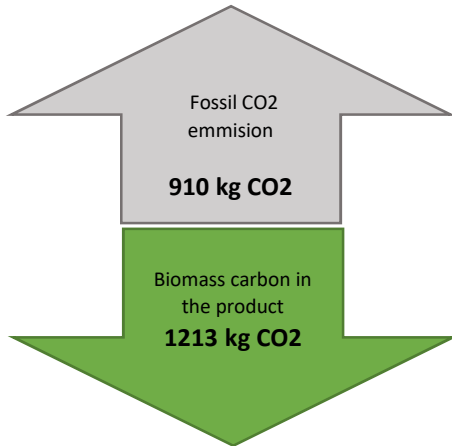
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# KPPP CARBON FOOTPRINT INFORMATION

**Product** NeoPress O, 45 - 65 g/m<sup>2</sup>  
**Company** Kabel Premium Pulp & Paper GmbH  
**Mill** Kabel Mill



Information gathered from 01.01.2022  
 Date of issue 16.05.2023



910 kg/tonne of fossil CO<sub>2</sub> were emitted during the manufacturing of this product.

This product contains 331 kg/tonne of biomass carbon equivalent to 1213 kg/tonne of fixed CO<sub>2</sub>.

		Fossile CO <sub>2</sub> kg per tonne paper	Biogenic CO <sub>2</sub> kg per tonne paper
TOE 1:	Biomass carbon removal and storage 2 in forests		0
TOE 2:	Biomass carbon in paper and board products		1213
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	372	
TOE 4:	Greenhouse gas emissions associated with generating the supply of wood or recovered fibre	6	
TOE 5:	Greenhouse gas emissions associated with producing other raw materials/fuels	64	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	450	
TOE 7:	Greenhouse gas emissions associated with transportation	18	
TOE 8:	Greenhouse gas emissions associated with product use		
TOE 9:	Greenhouse gas emissions associated with product end of life		
TOE 10:	Avoided greenhouse gas emissions(optional)		
		910	

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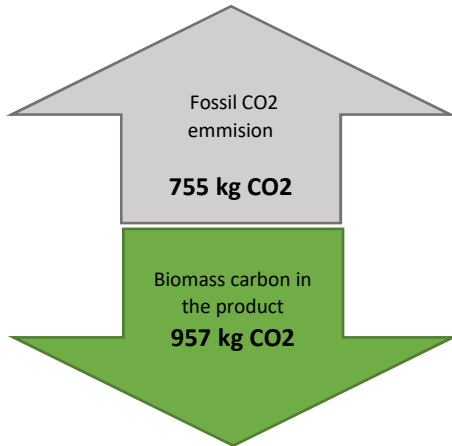
# KPPP CARBON FOOTPRINT INFORMATION

**Product** Terra Print Premium, 65-110 g/m<sup>2</sup>  
**Company** Kabel Premium Pulp & Paper GmbH  
**Mill** Kabel Mill



Information gathered from  
 Date of issue

01.01.2022  
 16.05.2023



755 kg/tonne of fossil CO<sub>2</sub> were emitted during the manufacturing of this product.

This product contains 261 kg/tonne of biomass carbon equivalent to 957 kg/tonne of fixed CO<sub>2</sub>.

		Fossile CO <sub>2</sub> kg per tonne paper	Biogenic CO <sub>2</sub> kg per tonne paper
TOE 1:	Biomass carbon removal and storage 2 in forests		0
TOE 2:	Biomass carbon in paper and board products		957
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	280	
TOE 4:	Greenhouse gas emissions associated with generating the supply of wood or recovered fibre	4	
TOE 5:	Greenhouse gas emissions associated with producing other raw materials/fuels	76	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	374	
TOE 7:	Greenhouse gas emissions associated with transportation	21	
TOE 8:	Greenhouse gas emissions associated with product use		
TOE 9:	Greenhouse gas emissions associated with product end of life		
TOE 10:	Avoided greenhouse gas emissions(optional)		
		755	

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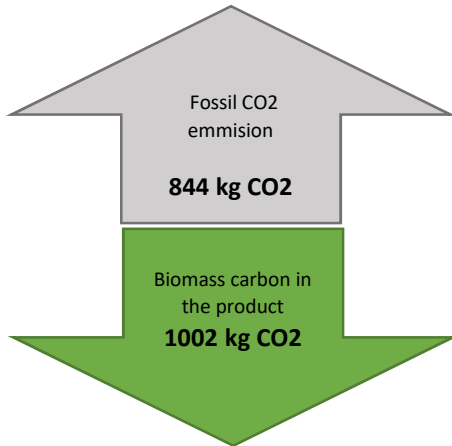
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# KPPP CARBON FOOTPRINT INFORMATION

**Product** TerraPress G, 57 - 70 g/m<sup>2</sup>  
**Company** Kabel Premium Pulp & Paper GmbH  
**Mill** Kabel Mill



Information gathered from 01.01.2022  
 Date of issue 16.05.2023



844 kg/tonne of fossil CO2 were emitted during the manufacturing of this product.

This product contains 273 kg/tonne of biomass carbon equivalent to 1002 kg/tonne of fixed CO2.

		Fossile CO2 kg per tonne paper	Biogenic CO2 kg per tonne paper
TOE 1:	Biomass carbon removal and storage 2 in forests		0
TOE 2:	Biomass carbon in paper and board products		1002
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	306	
TOE 4:	Greenhouse gas emissions associated with generating the supply of wood or recovered fibre	5	
TOE 5:	Greenhouse gas emissions associated with producing other raw materials/fuels	66	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	450	
TOE 7:	Greenhouse gas emissions associated with transportation	17	
TOE 8:	Greenhouse gas emissions associated with product use		
TOE 9:	Greenhouse gas emissions associated with product end of life		
TOE 10:	Avoided greenhouse gas emissions(optional)		
		844	

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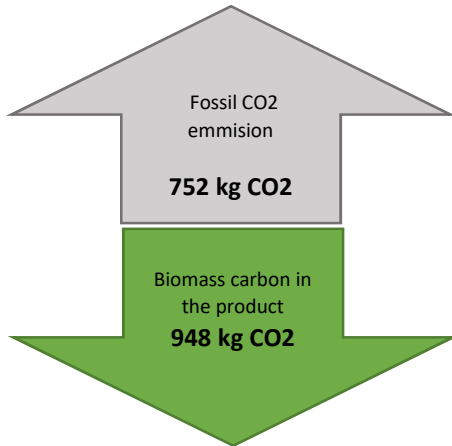


# KPPP CARBON FOOTPRINT INFORMATION



**Product** TerraPress O, 65-90 g/m<sup>2</sup>  
**Company** Kabel Premium Pulp & Paper GmbH  
**Mill** Kabel Mill

Information gathered from 01.01.2022  
 Date of issue 16.05.2023



752 kg/tonne of fossil CO2 were emitted during the manufacturing of this product.

This product contains 259 kg/tonne of biomass carbon equivalent to 948 kg/tonne of fixed CO2.

		Fossile CO2 kg per tonne paper	Biogenic CO2 kg per tonne paper
TOE 1:	Biomass carbon removal and storage 2 in forests		0
TOE 2:	Biomass carbon in paper and board products		948
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	283	
TOE 4:	Greenhouse gas emissions associated with generating the supply of wood or recovered fibre	4	
TOE 5:	Greenhouse gas emissions associated with producing other raw materials/fuels	72	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	374	
TOE 7:	Greenhouse gas emissions associated with transportation	19	
TOE 8:	Greenhouse gas emissions associated with product use		
TOE 9:	Greenhouse gas emissions associated with product end of life		
TOE 10:	Avoided greenhouse gas emissions(optional)		
		752	

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\* based on the real energy mix of Germany (2017)

### More information

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## KPPP CARBON FOOTPRINT INFORMATION



<b>TOE 1: Carbon sequestration in the forest</b> For KPPP forest certification and traceability of fiber supply through certified chain of custodies ensures sustainable forest management. It ensures that carbon stocks in forests remain stable or even improve over time. However, in many cases it is difficult to isolate this effect, attributable to a specific product and forest area.
<b>TOE 2: Carbon stored in the product</b> The amount of CO <sub>2</sub> stored in the product is calculated according to the IPCC formula in the CEPI framework.
<b>TOE 3: GHG emissions from pulp and paper production</b> The energy sources required to process the fibers (electricity, steam, gas) including the emission in the pulp mill are taken into account. Furthermore, emissions caused by internal transport are taken into account. This is based on the current emission value of the german energy mix.
<b>TOE 4: GHG emissions associated with generating the supply of wood or recovered fibre</b> The processing of virgin fibres including thinning, harvesting and loading onto trucks is considered.
<b>TOE 5: GHG emissions associated with producing other raw materials</b> The emissions resulting out of production of all other raw materials are taken into account. Considered are only quantities with a ratio of more than 1% in the finished product. The calculation of all raw materials contained in the paper is based on to 1 tonne of finished paper.
<b>TOE 6: GHG emissions associated with purchased electricity and steam</b> This section presents the company's net energy balance. KPPP considers only the purchased energy quantities, since no energy sale takes place. This is based on the current emission value of the german energy mix.
<b>TOE 7: Transport-related GHG emissions</b> KPPP indicates which emissions are produced by transporting the raw materials from the production site to the paper mill. The focus is on these quantities, with a rate of than 1% of the finished paper. The calculation of all raw materials in the paper is extrapolated to 1 tonne of finished paper.
<b>TOE 8: GHG emissions atributble to product use (e.g.printing)</b> This element is not considered.
<b>TOE 9: GHG emissions attributable to end-of-life-managment of products</b> This element is not considered.
<b>TOE 10: Avoided amissions (e.g. superior energy efficiency or carbon offsetting measures)</b> This element is not considered.

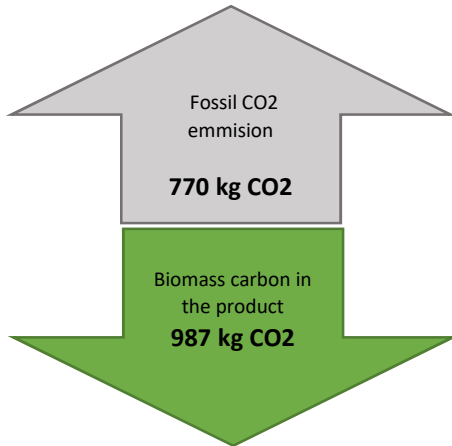
# KPPP CARBON FOOTPRINT INFORMATION

**Product** TerraPrint, 65-90 g/m<sup>2</sup>  
**Company** Kabel Premium Pulp & Paper GmbH  
**Mill** Kabel Mill



Information gathered from  
 Date of issue

01.01.2022  
 16.05.2023



770 kg/tonne of fossil CO2 were emitted during the manufacturing of this product.

This product contains 269 kg/tonne of biomass carbon equivalent to 987 kg/tonne of fixed CO2.

		Fossile CO2 kg per tonne paper	Biogenic CO2 kg per tonne paper
TOE 1:	Biomass carbon removal and storage 2 in forests		0
TOE 2:	Biomass carbon in paper and board products		987
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	292	
TOE 4:	Greenhouse gas emissions associated with generating the supply of wood or recovered fibre	4	
TOE 5:	Greenhouse gas emissions associated with producing other raw materials/fuels	78	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	374	
TOE 7:	Greenhouse gas emissions associated with transportation	21	
TOE 8:	Greenhouse gas emissions associated with product use		
TOE 9:	Greenhouse gas emissions associated with product end of life		
TOE 10:	Avoided greenhouse gas emissions(optional)		
		770	

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\* based on the real energy mix of Germany (2017)

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## KPPP CARBON FOOTPRINT INFORMATION



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<b>TOE 8: GHG emissions atributble to product use (e.g. printing)</b> This element is not considered.
<b>TOE 9: GHG emissions attributable to end-of-life-managment of products</b> This element is not considered.
<b>TOE 10: Avoided amissions (e.g. superior energy efficiency or carbon offsetting measures)</b> This element is not considered.



## KPPP CARBON FOOTPRINT INFORMATION



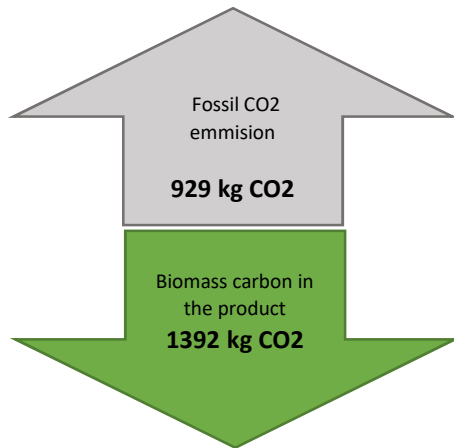
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<b>TOE 8: GHG emissions atributble to product use (e.g. printing)</b> This element is not considered.
<b>TOE 9: GHG emissions attributable to end-of-life-managment of products</b> This element is not considered.
<b>TOE 10: Avoided amissions (e.g. superior energy efficiency or carbon offsetting measures)</b> This element is not considered.

# KPPP CARBON FOOTPRINT INFORMATION

**Product** TerraLine O, 50 - 60 g/m<sup>2</sup>  
**Company** Kabel Premium Pulp & Paper GmbH  
**Mill** Kabel Mill



Information gathered from 01.01.2022  
 Date of issue 16.05.2023



929 kg/tonne of fossil CO<sub>2</sub> were emitted during the manufacturing of this product.

This product contains 364 kg/tonne of biomass carbon equivalent to 1392 kg/tonne of fixed CO<sub>2</sub>.

		Fossile CO <sub>2</sub> kg per tonne paper	Biogenic CO <sub>2</sub> kg per tonne paper
TOE 1:	Biomass carbon removal and storage 2 in forests		0
TOE 2:	Biomass carbon in paper and board products		1392
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	410	
TOE 4:	Greenhouse gas emissions associated with generating the supply of wood or recovered fibre	6	
TOE 5:	Greenhouse gas emissions associated with producing other raw materials/fuels	45	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	450	
TOE 7:	Greenhouse gas emissions associated with transportation	17	
TOE 8:	Greenhouse gas emissions associated with product use		
TOE 9:	Greenhouse gas emissions associated with product end of life		
TOE 10:	Avoided greenhouse gas emissions(optional)		
		929	

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\* based on the real energy mix of Germany (2017)

### More information

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## KPPP CARBON FOOTPRINT INFORMATION



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