



## 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.
<b>TOE 10: Avoided amissions (e.g. superior energy efficiency or carbon offsetting measures)</b> This element is not considered.

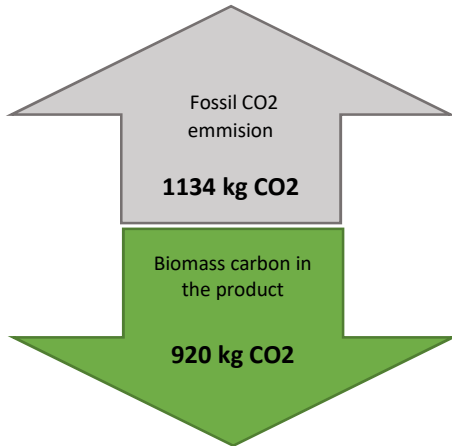
## KPPP CARBON FOOTPRINT INFORMATION

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



Information gathered from  
 Date of issue

01.01.2020  
 17.06.2020



1134 kg/tonne of fossil CO2 were emitted during the manufacturing of this product.

This product contains 251 kg/tonne of biomass carbon equivalent to 920 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		920
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	380	
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	65	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	658	
TOE 7:	Greenhouse gas emissions associated with transportation	26	
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)		
		1134	

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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 E-Mail                     [silke.zimmer@kabelpaper.de](mailto:silke.zimmer@kabelpaper.de)

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



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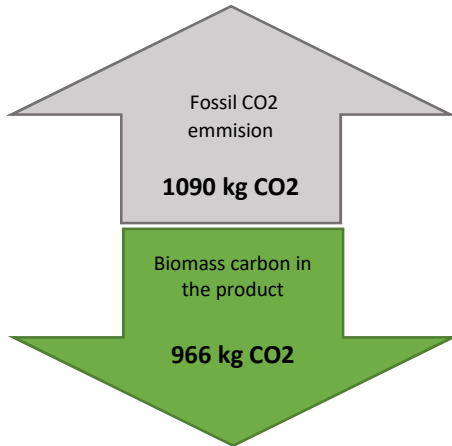
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<b>TOE 10: Avoided amissions (e.g. superior energy efficiency or carbon offsetting measures)</b> This element is not considered.

# KPPP CARBON FOOTPRINT INFORMATION



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

Information gathered from                      01.01.2020  
 Date of issue                                      17.06.2020



1090 kg/tonne of fossil CO2 were emitted during the manufacturing of this product.

This product contains 264 kg/tonne of biomass carbon equivalent to 966 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		966
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	361	
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	39	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	658	
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)		
		1090	

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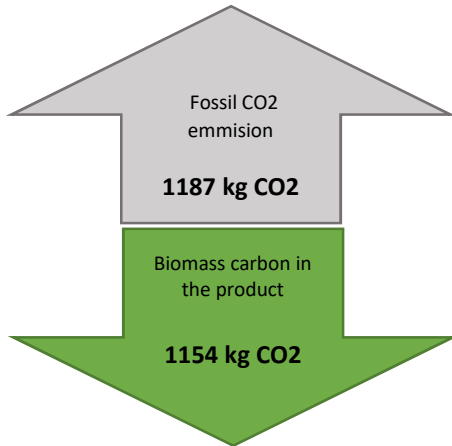
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<b>TOE 9: GHG emissions attributable to end-of-life-magment of products</b> This element is not considered.
<b>TOE 10: Avoided amissions (e.g. superior energy efficiency or carbon offsetting measures)</b> This element is not considered.

# KPPP CARBON FOOTPRINT INFORMATION



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

Information gathered from 01.01.2020  
 Date of issue 17.06.2020



1187 kg/tonne of fossil CO2 were emitted during the manufacturing of this product.

This product contains 315 kg/tonne of biomass carbon equivalent to 1154 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		1154
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	416	
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	71	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	658	
TOE 7:	Greenhouse gas emissions associated with transportation	37	
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)		
		1187	

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

### More information

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## KPPP CARBON FOOTPRINT INFORMATION



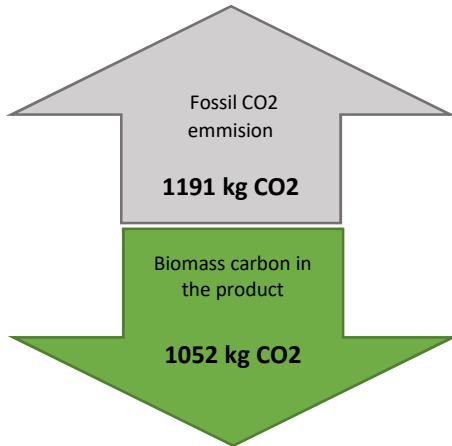
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<b>TOE 9: GHG emissions attributable to end-of-life-magment of products</b> This element is not considered.
<b>TOE 10: Avoided amissions (e.g. superior energy efficiency or carbon offsetting measures)</b> This element is not considered.

# KPPP CARBON FOOTPRINT INFORMATION



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

Information gathered from 01.01.2020  
 Date of issue 18.06.2020



1191 kg/tonne of fossil CO2 were emitted during the manufacturing of this product.

This product contains 287 kg/tonne of biomass carbon equivalent to 1052 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		1052
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	436	
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*	658	
TOE 7:	Greenhouse gas emissions associated with transportation	30	
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)		
		1191	

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### More information

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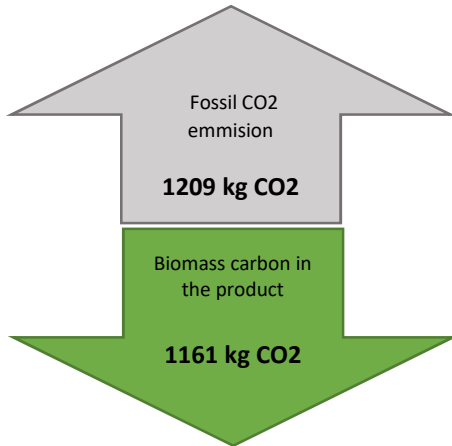


# KPPP CARBON FOOTPRINT INFORMATION



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

Information gathered from 01.01.2019  
 Date of issue 17.06.2020



1209 kg/tonne of fossil CO2 were emitted during the manufacturing of this product.

This product contains 317 kg/tonne of biomass carbon equivalent to 1161 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		1161
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	458	
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	61	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	658	
TOE 7:	Greenhouse gas emissions associated with transportation	27	
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)		
		1209	

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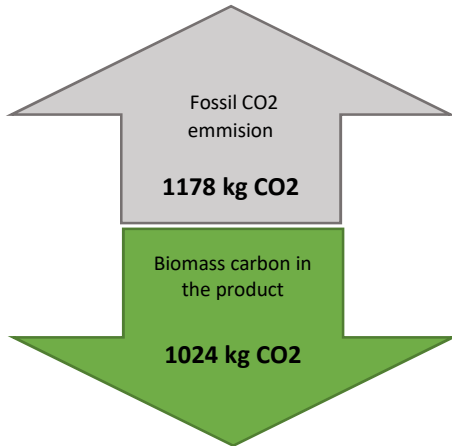
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<b>TOE 4: GHG emissions associated with generating the supply of wood or recovered fibre</b> The processing of virgin fibres including thinning, harvesting and loading onto trucks is considered.
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<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** TerraPress G, 57 - 70 g/m<sup>2</sup>  
**Company** Kabel Premium Pulp & Paper GmbH  
**Mill** Kabel Mill

Information gathered from 01.01.2020  
 Date of issue 17.06.2020



1178 kg/tonne of fossil CO2 were emitted during the manufacturing of this product.

This product contains 279 kg/tonne of biomass carbon equivalent to 1024 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		1024
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	420	
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	65	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	658	
TOE 7:	Greenhouse gas emissions associated with transportation	30	
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)		
		1178	

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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## KPPP CARBON FOOTPRINT INFORMATION



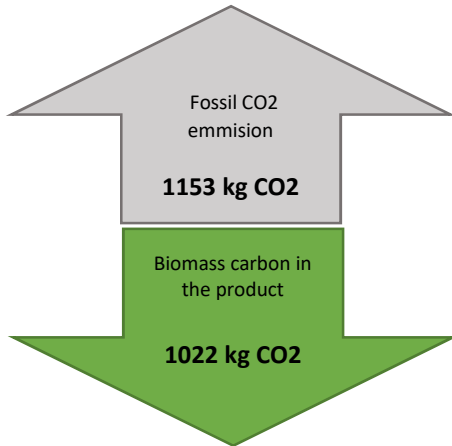
<b>TOE 1: Carbon sequestration in the forest</b> For KPPP forest certification and traceability of fiber supply through certified chain of custodies ensures sustainable forest management. It ensures that carbon stocks in forests remain stable or even improve over time. However, in many cases it is difficult 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.
<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** TerraPress O, 54 - 60 g/m<sup>2</sup>  
**Company** Kabel Premium Pulp & Paper GmbH  
**Mill** Kabel Mill



Information gathered from 01.01.2020  
 Date of issue 17.06.2020



1153 kg/tonne of fossil CO<sub>2</sub> were emitted during the manufacturing of this product.

This product contains 279 kg/tonne of biomass carbon equivalent to 1022 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		1022
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	404	
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	60	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	658	
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)		
		1153	

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)

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## KPPP CARBON FOOTPRINT INFORMATION



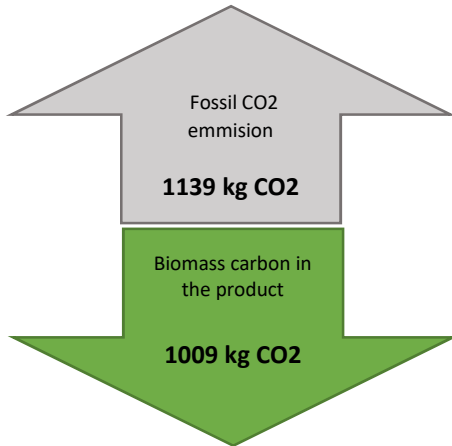
<p><b>TOE 1: Carbon sequestration in the forest</b> For KPPP forest certification and traceability of fiber supply through certified chain of custodies ensures sustainable forest management. It ensures that carbon stocks in forests remain stable or even improve over time. However, in many cases it is difficult to isolate this effect, attributable to a specific product and forest area.</p>
<p><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.</p>
<p><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.</p>
<p><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.</p>
<p><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.</p>
<p><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.</p>
<p><b>TOE 7: Tranport-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.</p>
<p><b>TOE 8: GHG emissions atributble to product use (e.g.printing)</b> This element is not considered.</p>
<p><b>TOE 9: GHG emissions attributable to end-of-life-managment of products</b> This element is not considered.</p>
<p><b>TOE 10: Avoided amissions (e.g. superior energy efficiency or carbon offsetting measures)</b> This element is not considered.</p>

# KPPP CARBON FOOTPRINT INFORMATION



**Product** TerraPress O, 57-90 g/m<sup>2</sup>  
**Company** Kabel Premium Pulp & Paper GmbH  
**Mill** Kabel Mill

Information gathered from 01.01.2020  
 Date of issue 17.06.2020



1139 kg/tonne of fossil CO2 were emitted during the manufacturing of this product.

This product contains 275 kg/tonne of biomass carbon equivalent to 1009 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		1009
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	401	
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	48	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	658	
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)		
		1139	

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)

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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.

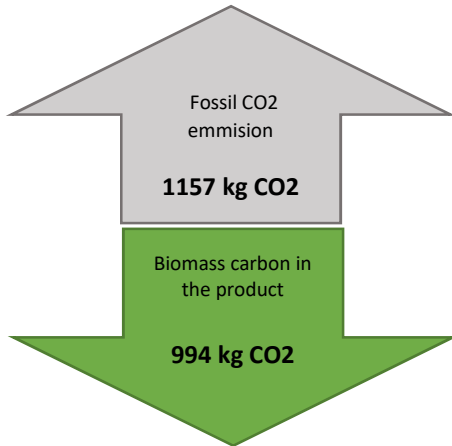


# KPPP CARBON FOOTPRINT INFORMATION



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

Information gathered from 01.01.2020  
 Date of issue 17.06.2020



1157 kg/tonne of fossil CO2 were emitted during the manufacturing of this product.

This product contains 271 kg/tonne of biomass carbon equivalent to 994 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		994
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	411	
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	53	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	658	
TOE 7:	Greenhouse gas emissions associated with transportation	30	
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)		
		1157	

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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## KPPP CARBON FOOTPRINT INFORMATION



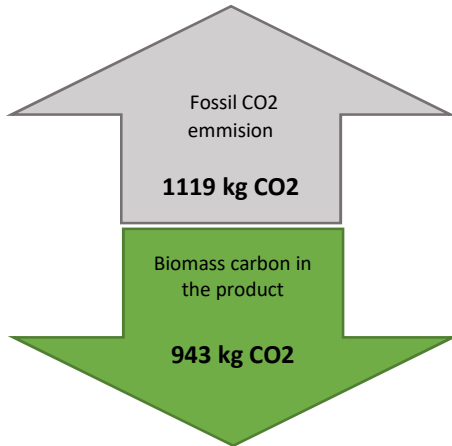
<p><b>TOE 1: Carbon sequestration in the forest</b> For KPPP forest certification and traceability of fiber supply through certified chain of custodies ensures sustainable forest management. It ensures that carbon stocks in forests remain stable or even improve over time. However, in many cases it is difficult to isolate this effect, attributable to a specific product and forest area.</p>
<p><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.</p>
<p><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.</p>
<p><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.</p>
<p><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.</p>
<p><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.</p>
<p><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.</p>
<p><b>TOE 8: GHG emissions atributble to product use (e.g. printing)</b> This element is not considered.</p>
<p><b>TOE 9: GHG emissions attributable to end-of-life-magment of products</b> This element is not considered.</p>
<p><b>TOE 10: Avoided amissions (e.g. superior energy efficiency or carbon offsetting measures)</b> This element is not considered.</p>

# 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 01.01.2020  
 Date of issue 17.06.2020



1119 kg/tonne of fossil CO<sub>2</sub> were emitted during the manufacturing of this product.

This product contains 257 kg/tonne of biomass carbon equivalent to 943 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		943
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	379	
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	49	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	658	
TOE 7:	Greenhouse gas emissions associated with transportation	29	
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)		
		1119	

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)

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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.
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<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.
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<b>TOE 9: GHG emissions attributable to end-of-life-magment 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.