

# CLIMATE DECLARATION FOR ASPHALT MIXTURES FROM LUND ASPHALT PLANT – SÖDRA SANDBY

Functional unit: 1000 kg asphalt mixture

The climate declaration shows the emissions of greenhouse gases, expressed as CO<sub>2</sub>-equivalents. It is based on verified results from a lifecycle assessment (LCA) performed as basis for an EPD®, in accordance with ISO 14025 and EN 15804.

## Information about the product

The asphalt mixtures declared are manufactured at the asphalt plant Södra Sandby in Lund, by NCC Industry, Division Asphalt in Sweden.



## Climate declaration A1-A3

The table below lists the emissions of greenhouse gases A1-A3 for the product in kg CO<sub>2</sub> eq. per 1000 kg asphalt mixture.

\* This indicator is set to zero, due to inconsistencies in the dataset used delivered by Sphera. Though, net result over the life cycle is zero since carbon uptake and emission is zero during a life-cycle.

\*\* The default value in the Swedish Transport Administration's tool Klimatkalkyl is 49 kg per tonne asphalt mixture (6.5% bitumen) for A1-A3 (Trafikverket, Klimatkalkyl version 7.0, 2021).

billion Euro and approximately 14 500 employees in 2020. With the Nordic region as its home market, NCC is active throughout the value chain – developing commercial properties and constructing housing, offices, industrial facilities and public buildings, roads, civil engineering structures and other types of infrastructure. NCC also offers input materials used in construction and accounts for paving and road services.

For the full EPD, see [www.environdec.com](http://www.environdec.com).

## Contact information

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## Information about the company

NCC is one of the leading construction and property development companies in the Nordic region, with sales of 5.4

	ABT 11 70/100	ABT 16 70/100	ABT 8 100/150	AG 16 70/100	ABB 22 70/100	AG 22 100/150	ABS 11 70/100	ABS 16 70/100	ABS 11 70/100 AN7
GWP - Total	19	18	19	16	15	14	20	20	29
GWP - Fossil	19	18	19	16	15	14	20	20	29
GWP - Biogenic*	0	0	0	0	0	0	0	0	0
GWP - Luluc	0.061	0.061	0.060	0.060	0.061	0.060	0.061	0.060	0.12
GWP - GHG**	19	18	19	16	15	14	20	20	29
	ABS 16 70/100 AN7	ABS 16 70/100 AN7 LTA	ABS 11 70/100 AN10 LTA	Roundtop 11 70/100 AN10	Roundtop 16 70/100 AN10	ABT 11 70/100 AN 14 LTA	ABS 16 70/100 AN10 LTA	TSK 11 70/100	Viacochip 11 AN 10
GWP - Total	28	31	31	34	32	19	31	20	28
GWP - Fossil	28	31	31	34	31	19	31	20	27
GWP - Biogenic*	0	0	0	0	0	0	0	0	0
GWP - Luluc	0.12	0.13	0.13	0.13	0.13	0.058	0.13	0.054	0.13
GWP - GHG**	28	31	31	34	32	19	31	20	28
	Roundtop 11 70/100 AN7	Roundtop 16 70/100 AN7	ABB 11 70/100	ABB 11 70/100 LTA	ABT 11 100/150	ABT 11 100/150 LTA	ABB 16 70/100	ABB 16 70/100 LTA	ABT 16 70/100 LTA
GWP - Total	26	24	17	17	19	19	17	16	18
GWP - Fossil	26	24	17	17	19	19	16	16	18
GWP - Biogenic*	0	0	0	0	0	0	0	0	0
GWP - Luluc	0.061	0.060	0.062	0.062	0.064	0.062	0.064	0.062	0.062
GWP - GHG**	25	24	17	17	19	18	16	16	18

EPD PROGRAMME: THE INTERNATIONAL EPD® SYSTEM

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PCR REVIEW CONDUCTED BY: THE TECHNICAL COMMITTEE OF THE INTERNATIONAL EPD SYSTEM

INDEPENDENT VERIFICATION OF THE DECLARATION AND DATA, ACCORDING TO ISO 14025:  
EPD PROCESS CERTIFICATION BY BUREAU VERITAS

ACCREDITED / APPROVED BY:  
THE INTERNATIONAL EPD SYSTEM

CLIMATE DECLARATIONS FROM DIFFERENT PROGRAMS MAY NOT BE COMPARABLE

THIS SINGLE-ISSUE EPD ONLY ADDRESSES ONE ENVIRONMENTAL IMPACT CATEGORY AND DOES NOT ASSESS OTHER POTENTIAL IMPACTS ARISING FROM THE PROVISION OF THIS PRODUCT. THESE ASPECTS MAY BE OF EQUAL OR GREATER IMPORTANCE THAN THE SINGLE IMPACT CATEGORY DISPLAYED.