

# CLIMATE DECLARATION FOR AGGREGATES FROM LUND QUARRY - SÖDRA SANDBY

Declared unit: 1000 kg of aggregates

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



## Information about the product

The aggregates declared in this EPD are produced at the stationary crushing plant Södra Sandby owned by NCC Industry AB in Lund, Sweden. The aggregates declared in the EPD mainly consist of quartzite and are produced in various fractions; from blasted rock to finely crushed 0/2 mm material used for e.g. filling material in civil engineering and construction projects and as bulk material in concrete and asphalt.

## Information about the company

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

## Climate declaration A1-A3

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

|  | 0/45    | DCH15,<br>0/150 | 0/8, 0/16, 16/32,<br>32/63, 63/125 | 4/16, 8/22,<br>8/22 Washed |
|--|---------|-----------------|------------------------------------|----------------------------|
| <b>GWP-total</b>                                   | 1.2     | 1.2             | 1.3                                | 1.4                        |
| <b>GWP-fossil*</b>                                 | 1.2     | 1.2             | 1.3                                | 1.4                        |
| <b>GWP-biogenic**</b>                              | 0       | 0               | 0                                  | 0                          |
| <b>GWP-LULUC</b>                                   | 6.3E-04 | 6.4E-04         | 6.4E-04                            | 6.6E-04                    |
| <b>GWP-GHG***</b>                                  | 1.2     | 1.2             | 1.3                                | 1.4                        |
| 0/2, 0/4, 0/11,<br>2/5, 4/8, 8/11,<br>11/16, 16/22 | 0/90    | 0/22            | 0/32                               | 0/2 Washed                 |
| 1.4  | 1.5     | 1.9             | 1.9                                | 3.3                        |
| 1.4  | 1.5     | 1.9             | 1.9                                | 3.3                        |
| 0  | 0       | 0               | 0                                  | 0                          |
| 6.6E-04  | 6.5E-04 | 6.8E-04         | 6.8E-04                            | 8.0E-04                    |
| 1.4  | 1.5     | 1.9             | 1.9                                | 3.3                        |

\* The default value to use in the Swedish Transport Administration's tool Klimatkalkyl is 4.0 kg per tonne aggregates (Trafikverket, 2021)

\*\* 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.

\*\*\* "GWP – total" but excluding "biogenic"

## Other environmental impacts and other products

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

## Contact information

NCC Industry Nordic AB  
Herrjärva torg 4, 170 80 Solna, Sweden

Marie Berglund, [marie.berglund@ncc.se](mailto:marie.berglund@ncc.se)

[www.ncc.group/sustainability](http://www.ncc.group/sustainability)



|   |               |  |   |
|---|---------------|--|---|
| EPD PROGRAMME: THE INTERNATIONAL EPD®SYSTEM   |               | REGISTRATION NO: S-P-03659   | VALIDITY: 2026-06-03                                      |
| PCR: 2019:14, VERSION 1.1   | UN CPC: 15330 | PCR REVIEW CONDUCTED BY: THE TECHNICAL COMMITTEE OF THE INTERNATIONAL EPD SYSTEM |   |
| INDEPENDENT VERIFICATION OF THE DECLARATION AND DATA, ACCORDING TO ISO 14025:<br>EPD PROCESS CERTIFICATION BY BUREAU VERITAS  |               |  | ACCREDITED / APPROVED BY:<br>THE INTERNATIONAL EPD®SYSTEM |
| CLIMATE DECLARATIONS FROM DIFFERENT PROGRAMS MAY NOT BE COMPARABLE  |               |  |   |
| THIS CLIMATE DECLARATION ONLY ADDRESSES ONE IMPACT CATEGORY AND DOES NOT ASSESS OTHER POTENTIAL SOCIAL, ECONOMIC AND ENVIRONMENTAL IMPACTS ARISING FROM THE PROVISION OF THIS PRODUCT. THESE ASPECTS MAY BE OF EQUAL OR GREATER IMPORTANCE THAN THE IMPACT CATEGORY DISPLAYED |               |  |   |