

This document provides you with results of a nitrogen deposition calculation performed with the AERIUS Calculator. You can use this document as a substantiation of a license under the Nature Conservation Act 1998.

The results indicate nitrogen effects of this project to her surroundings. The area includes both Natura 2000 areas as well as protected natural reserves. Only for Natura 2000 areas habitat types occur and whether the critical load is exceeded. Development space in the current version of the Calculator is not yet visible.

The calculation of nitrogen emissions is based on the components ammonia (NH₃) and nitrogen oxides (NO_x), or one of each. The deposition of the project will be calculated and drawn in both maximum and average deposition per hectare. The depositions are calculated up to a distance of {0} miles from the source.

*Would you like to continue or change data?
Import the PDF using the Calculator.*

Calculation Situation 1

- Characterization
- Emission
- Deposition nature areas
- Deposition habitat types

Further explanation of this PDF can be found in a corresponding tassel. This reading guide and other documentation can be accessed via: www.aerius.nl.

AERIUS CALCULATOR

Contact

Legal entity	Facility Location
BRO	Bosscheweg 107, 5282 WV Boxtel

Activity

Description
Lidl Kaatsheuvel

Calculation date	Calculation year
20 January 2017, 14:54	2017

Calculation options
Calculated with Wnb law review.

Total emission

	Situation 1
NOx	24.79 kg/y
NH ₃	1.72 kg/y

Deposition

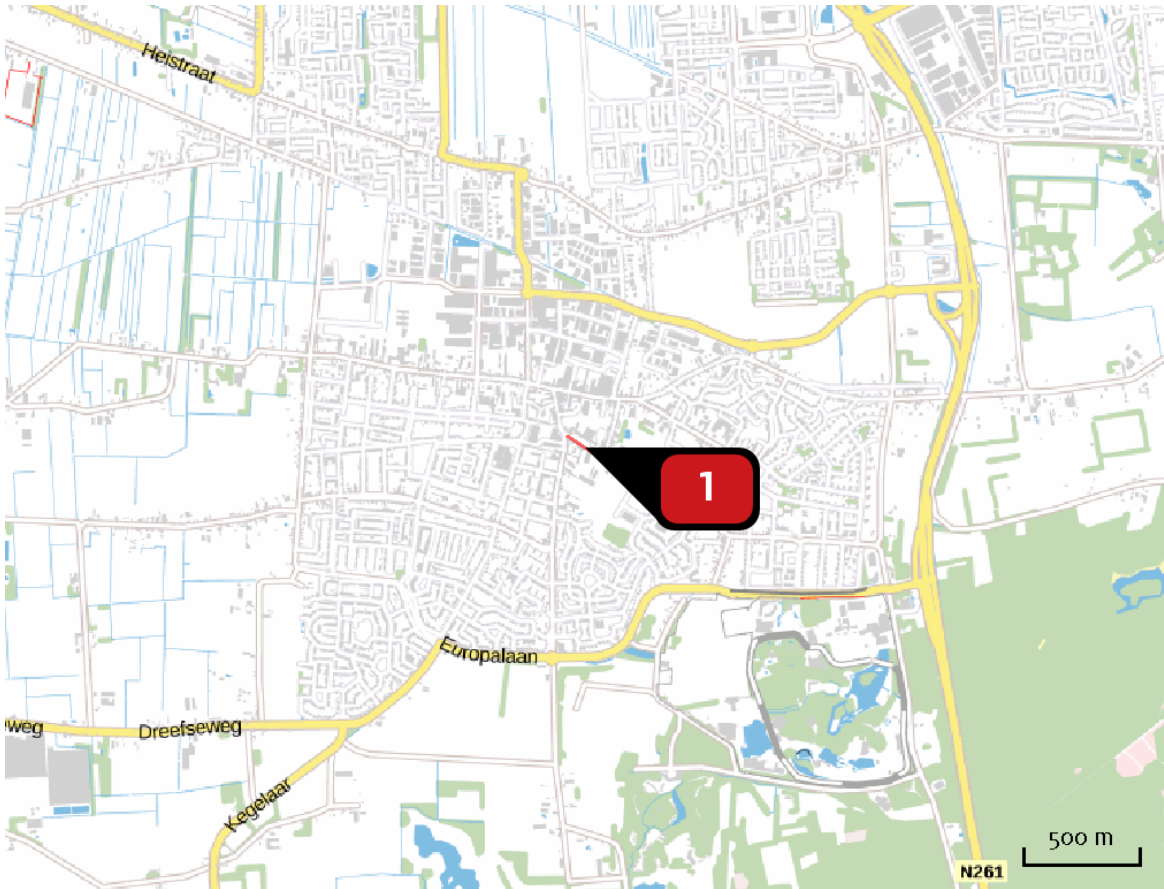
Hectare with
highest project
contribution
(mol/ha/y)

Nature area	Province
-	-

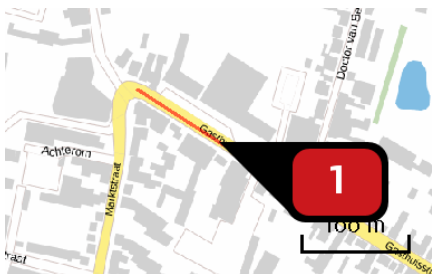
Situation 1
-

Explanation

Location
Situation 1



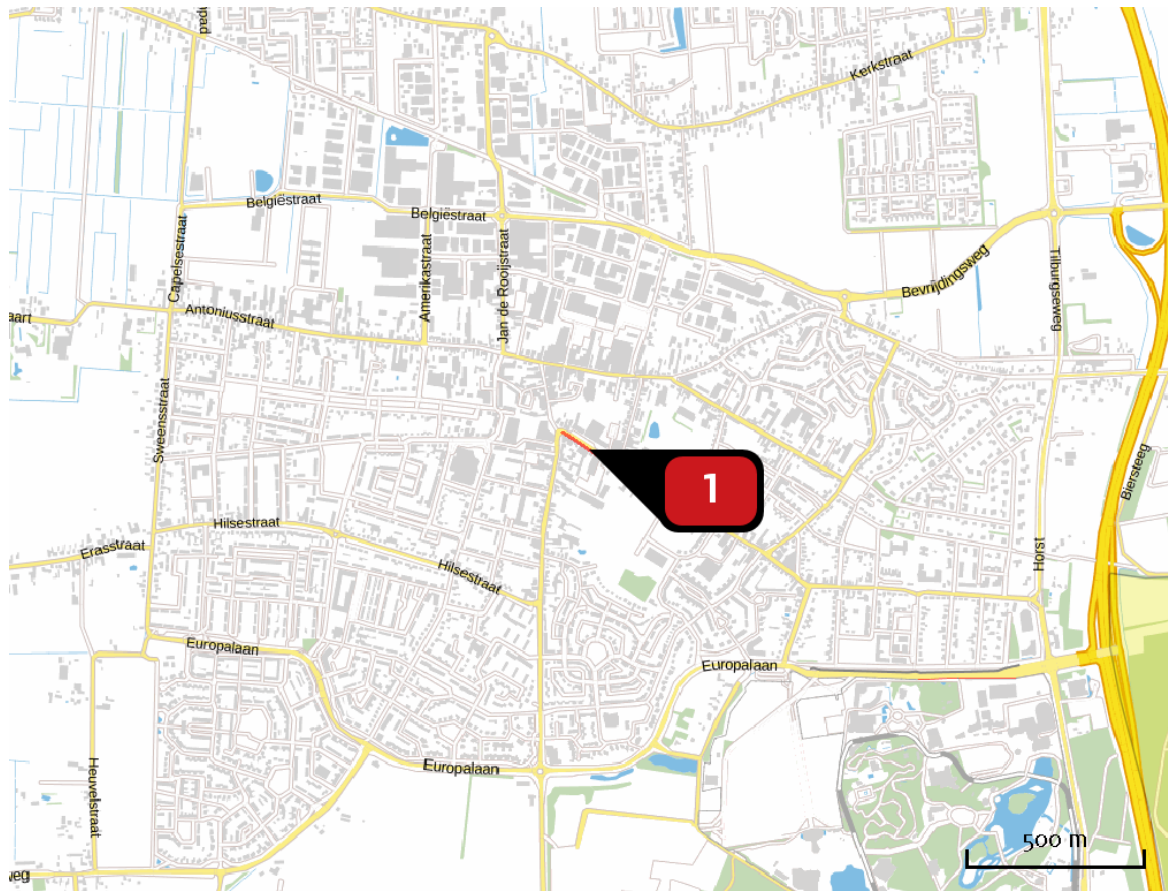
Emission
(by source)
Situation 1



Name Wegverkeer
Location (X,Y) 130595, 407895
Height 2.5 m
Heat content 0.000 MW
NOx 24.79 kg/y
NH3 1.72 kg/y

Type	Vehicle	Number of vehicles (/day)	Substance	Emission
Standard	Light Traffic	1,109.0	NOx NH3	22.95 kg/y 1.71 kg/y
Standard	Heavy Freight	6.0	NOx NH3	1.84 kg/y < 1 kg/y

Deposition



Highest project contribution



Highest project contribution per nature area

- Habitat directive
- Bird directive
- Natural monument
- Habitat directive, Bird directive
- Habitat directive, Natural monument
- Bird directive, Natural monument
- Habitat directive, Bird directive, Natural monument

Disclaimer

Although the calculation is made with the utmost care, no responsibility will be taken with respect to the decisions taken based on the results of the calculation. The information provided can be used to substantiate a permit request. AERIUS accepts no responsibility for the content of information provided by third parties. The above data and corresponding results are valid till a new version of AERIUS is available. AERIUS is a registered trademark in Europe. All rights not expressly granted herein are reserved.

References for calculations

This calculation is based on:

AERIUS [version 2015.1_20161230_e66ee8c868](#)

Database [version 2015.1_20160514_90ad58c36e](#)

For more information about the methodology and data see:

<https://www.aerius.nl/nl/factsheets/release/aerius-calculator-2015-handboek-o>