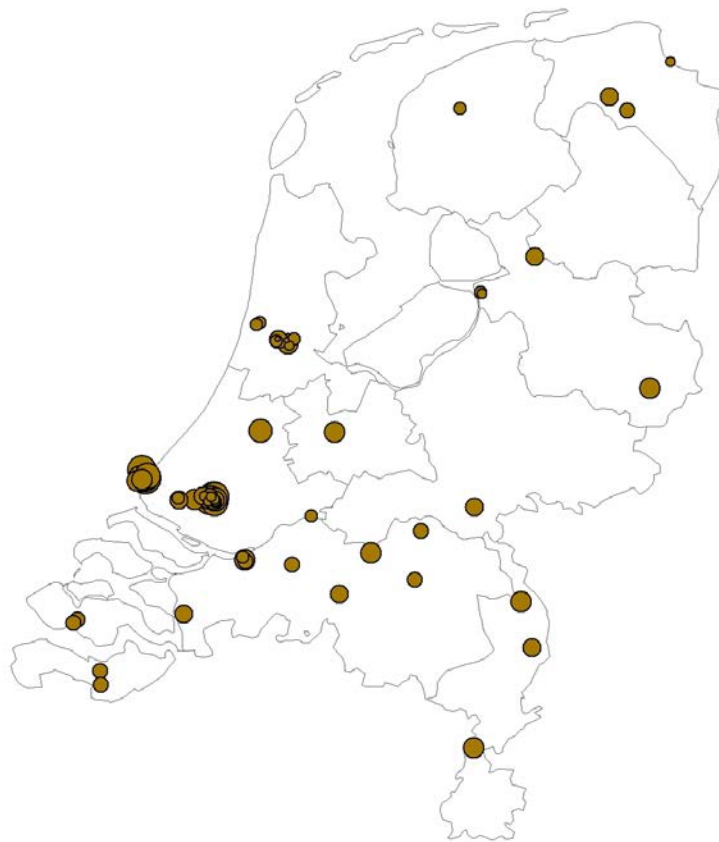


**39) Name: allocation to point source, mobile machinery use at container terminals**

*Description*

Use of mobile machinery at container terminals is a source of, among others, PM10, carbon dioxide, nitrogen and sulphur oxides. Spatial allocation of these emissions is based on the mean number of containers handled per location over the years 2011-2014, expressed as TEU (Twenty-foot Equivalent Unit). One TEU is 39m<sup>3</sup>. Containers used in road transport and shipping typically equal 2 TEU. Data on the amount of containers handled at various locations are derived from the Port of Rotterdam and Statistics Netherlands (CBS). At some newer locations in the Rotterdam harbor, mobile machinery is driven by electricity. Containers handled here are not included, as emissions through use of electricity are accounted for in energy production.

*Example*



*Map 39: Container handling, size of symbol indicates the average number of TEU handled over 2011-2014*

***Institutes involved***

CBS

TNO

Port of Rotterdam

***Currency of data***

2011-2014

***Achtergronddocumentatie***

[www.inlandlinks.eu](http://www.inlandlinks.eu)

Dellaert, S.N.C. (2016)

Emissions of mobile machinery at Dutch container terminals

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