

Delete⁺

ABOUT



ROOTS



EHQS



SERVICES

RASTI&VICTORIA

PROJECT



**DELETE IS THE LEADING
NORDIC COMPANY PROVIDING
ENVIRONMENTAL SERVICES.**

*SPECIALIZED IN SERVICES FOR INDUSTRY, CONSTRUCTION
AND PROPERTY OWNERS AND MANAGERS.*



2010

ESTABLISHED



6400

CUSTOMERS



34000

WORK ASSIGNMENTS



96%

REUTILISATION RATE



REUSE



RECYCLING



ENERGY USE: as recovered fuel

180 M€

TURNOVER YEAR 2016



870

PROFESSIONALS



TIMANTTIURAKOINTI HERNESNIEMI OY, MÄKELÄN TIMANTTIPORAUS OY, YKKÖSPURKU OY, FINLAND	5/2017
SUOMEN SANEERAUSTEKNIikka OY, FINLAND	10/2016
DEMCOM DEMOLITION AB & DEMCOM MACHINE AB, SWEDEN	6/2016
CL MILJÖ AB, SWEDEN	10/2015
PUHTAANAPITO J. KUISMA OY, FINLAND	8/2015
AB SPRÄNGSOTNING, SWEDEN	6/2015
MITAB AB, SWEDEN	5/2015
KUUSAKOSKI OY, FINLAND	12/2014
MMB AB, FENAB AB, SWEDEN	12/2013
ABRAB INDUSTRI & BYGGSERVICE AB, SWEDEN	1/2013
KAJAANIN JÄTEAUTO OY, FINLAND	11/2012
SANVAC MILJÖ AB, SWEDEN	1/2012
HELSINGIN METALLIPURKAUS OY, FINLAND	12/2011
ISS TEOLLISUUSPALVELUT, KOS-KET OY, FINLAND	10/2011
LIFA-KONSERNI, ASB-YHTIÖT, RIKANO OY, ENVIROK OY, FINLAND	6/2011
PUTKISTOHUUHTELU OY PTV, RMS-YMPÄRISTÖPALVELUT OY, VUOKSEN TEOLLISUUSPUHDISTUS OY, SEPPO LEHTOLA OY, FINLAND	2/2011
TEHOC OY, FINLAND	9/2010
TOIVONEN YHTIÖT OY, FINLAND	6/2010



**ACQUISITIONS AND ORGANIC GROWTH
CONTINUES – TARGET IN GEOGRAPHICAL
EXPANSION, INTERNATIONALISATION AND
SERVICE DEVELOPMENT.**

DELETE'S LEADERSHIP POLICY



ENVIRONMENT
ISO 14001:2004



WORK SAFETY
OHSAS 18001:2007



QUALITY
ISO 9001:2008



6000

**OCCUPATIONAL
SAFETY
OBSERVATIONS**



14,0

**ACCIDENT FREQUENCY
(LWIF)**



**Euro5
EQUIPMENT
AVERAGE**



**WE DELETE eg. DEMOLISH
BUILDINGS & STRUCTURES
EQUAL TO**

5400

**DETACHED HOUSES
EVERY YEAR**



0

**ENVIRONMENTAL
ACCIDENTS**

Delete^x

SERVICES



INDUSTRIAL SERVICES



35%



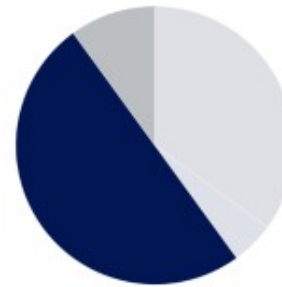
PROPERTY SERVICES



5%



DEMOLITION SERVICES



50%



RECYCLING SERVICES



10%

DEMOLITION

- Demolition is one of Delete's core competencies.
- With our modern fleet, we take care of all demolition tasks at sites of all sizes from residential buildings to whole industrial sites and we also see to the demanding wreck demolition of ships.
- We take care of all aspects of building demolition from the start of the process until the very end.
- We plan and conduct mapping of asbestos and hazardous substances as well as asbestos removal.

NET SALES
93 M€
YEAR 2016

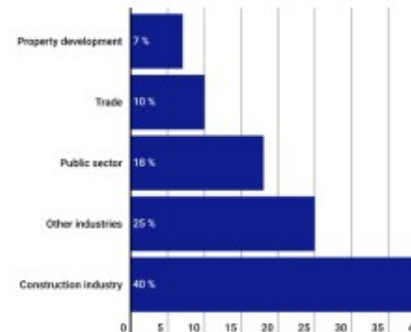
#1
NORDIC


50%
OF DELETE GROUP'S
NET SALES


1200
PROJECTS


1,2 Mt
DEMOLITION
MATERIALS

CUSTOMERS



RASTI&VICTORIA

PROJECT RASTI & VICTORIA

CASE RASTI & VICTORIA HOTEL

Rasti Student dormitory

- 2 underground floors
- 10 floors above the ground
- area in total app. **9 270** m²
- volume of the building app. **28 300** m³

Hotel Victoria

- 1 underground floor
- 6 floors above ground all in hotel room use
- area in total app. **2 520** m²
- volume of the building app. **7 330** m³.
- Duration of the project: **26** weeks



DEMOLITION PROJECT

Demolition order of the buildings:

Demolition of the non-supporting concrete structures

Demolition of the lower flooring, groundwork and foundations

Demolition of the air-raid shelter and the fire shaft (Hotel Victoria)

Other outside structures

Demolition of the supporting framework and levels/floors

Flattening the property area (the area was not filled)

Challenging asbestos and other hazardous materials demolition according to rules and regulations

CHALLENGES

The location in the middle of Tampere city area. The demolition work was started from a small parking area. Right next to the property the Scandic Hotel required extra careful dust control during the demolition.

At the end of the project also controlled explosion and earthworks were executed at the same time with the on-going demolition work. At peak hours, there were over 20 vehicles on the very small worksite.

No complaints or reclamations.



MATERIALS, tons



Woods	170	Rusko/Tampere
Concrete	17 000	Real Park Lempäälä
Mixed construction waste	230	Rusko/Tampere
Mixed re-useable waste	13	Rusko/Tampere
Metals	470	Nekala/Tampere
Wool	1	Rusko/Tampere
Asbestos	100	Kiimassuo Forssa
Fluorescent lamps	0,07	Tarastenjärvi/Tampere
Oily water	8	Rusko/Tampere
Contaminated soil	50	Rusko/Tampere
Oily concrete	7	Rusko/Tampere

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Rusko/Tampere
Real Park Lempäälä
Rusko/Tampere
Rusko/Tampere
Nekala/Tampere
Rusko/Tampere
Kiimassuo Forssa
Tarastenjärvi/Tampere
Rusko/Tampere
Rusko/Tampere
Rusko/Tampere

MATERIAL REUTILIZATION RATE

99,17%

THE CARBON FOOTPRINT OF EACH DEMOLITION SITE IS MEASURED

- Environmental responsibility: we are the only demolition company in Europe to measure the carbon footprint of demolition sites.
- The carbon footprint calculator is used to measure the climate impact, or the carbon footprint (CO₂) of demolition work and the reutilisation of construction waste. Emissions are measured for the full life cycle, from the demolition of the building to the recycling of materials.
- Our carbon footprint calculator enables us to implement sustainable development and support our customers' sustainable development and environmental strategies.
- The emission report includes the calculation of energy consumption, fuel, logistics of equipment to the demolition site, emissions resulting from the logistics and treatment of demolition material, along with emissions avoided through the reuse, recycling or energy use of materials.
- The waste report includes different classes of waste and their amounts, as well as their delivery locations.



CARBON FOOTPRINT CALCULATION

RASTI & HOTEL VICTORIA

The calculation of the carbon footprint accounts for avoided emissions, which is defined as the emissions arising from the use of virgin raw materials that are avoided as a result of using recycled material, and the emissions caused by the use of fossil fuels that are avoided as a result of incinerating waste.

In demolition work, materials are recovered and recycled to replace virgin raw materials and fossil fuels. The avoided emissions are calculated as negative values. As such, the total carbon footprint may be negative if the avoided emissions exceed the emissions caused by demolition work, transport and waste processing. The net climate effect of the demolition work is then positive. The recycling of metals helps to avoid emissions.

	CO2e tons
• The emission generated during the demolition	+100
• Emission generated from logistics (materials, waste and machines)	+7
• The emission generated during waste handling	+205
• The emissions avoided through the recycling or energy use of materials	-434
• Net emission of demolition -122 tons	

Demolition site is a material source.

THANK YOU

**Circular economy in Delete, visit
waste.fi
recyclingships.fi**

Tanja Vepsäläinen
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