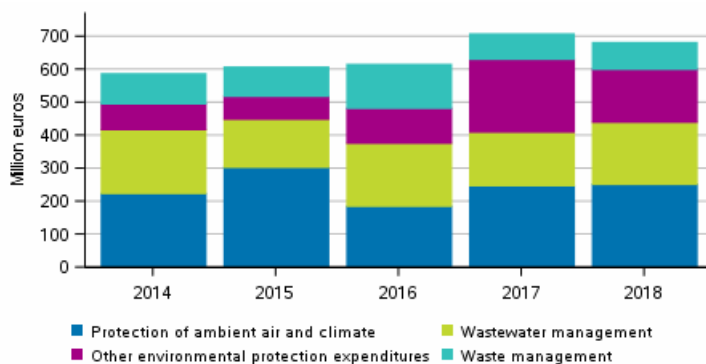


# Environmental protection expenditure 2018

## Environmental protection investments began to grow in 2018

The combined environmental protection expenditure in Finland's public sector amounted to EUR 760 million in 2018. Environmental protection services and investments used by enterprises amounted to slightly over EUR 2,900 million. Households' environmental protection expenditure totalled close on EUR 900 million. These data appear from Statistics Finland's statistics on environmental protection expenditure. The statistics belong to the EU's Regulation on European environmental economic accounts and cover the public sector, households, mining and quarrying, manufacturing as well as energy supply, and water and waste management.

### Use of and investments in environmental protection services by mining and quarrying, manufacturing and energy supply by target in 2014 to 2018



Source: Statistics Finland

In 2018, mining and quarrying, manufacturing and energy supply spent EUR 685 million in total on environmental protection, of which investments amounted to EUR 318 million. Environmental protection expenditure decreased slightly from 2017. Expenditure directed at protection of ambient air and climate was highest, as has mainly been the case also in previous years. Other environmental protection expenditure decreased considerably from 2017 but was still clearly higher in 2018 than in 2014 to 2016. Other environmental protection expenditure is mainly comprised of soil and surface water protection and research and development related to the environment. The share of waste management was only 12 per cent of all

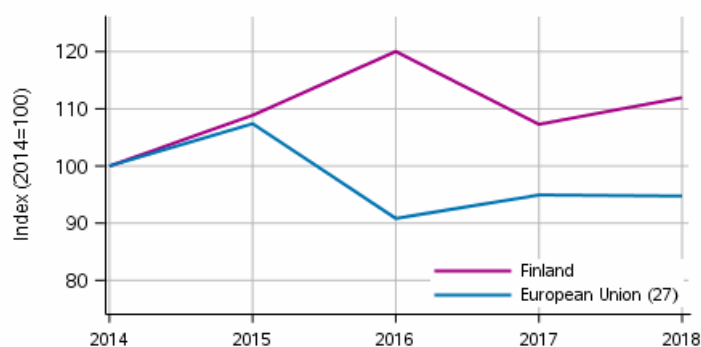
expenditure. The small share is explained by enterprises outsourcing waste management, in which case the expenditure is directed to the waste management industry. Enterprises operating in waste management are included in the sector of full-time producers of environmental protection services.

### Allocation of environmental protection expenditure by sector in 2016 to 2018

Sector	2016	2017	2018
Public Sector	..	..	..
Total	675	743	760
Consumption	333	376	388
Investments	16	21	20
Current and capital transfers, net (paid-received)	326	346	352
Industry (TOL 05-39)	..	..	..
Total	2 754	2 750	2 939
Consumption	2 048	2 136	2 286
Investments	706	613	653
Current and capital transfers, net (paid-received)	..	..	..
Households	..	..	..
Total	836	856	891
Consumption	836	856	891
Current and capital transfers, net (paid-received)	..	..	..

Among enterprises, most environmental protection services were used in water and waste management, EUR 1,920 million, most of which was directed to waste management expenditure. Second most environmental protection services were used in manufacturing, EUR 244 million. Of manufacturing industries, the metal industry used most environmental protection services.

### Development of environmental protection investments in Finland and in the area of the European Union in 2014 to 2018



Source: Statistics Finland, Eurostat

Starting from 2014, the development of environmental protection investments has been clearly more positive in Finland than in other EU Member States. Environmental protection investments in Finland's entire economy made an upturn again after the drop in 2017. The growth occurred in the industries of water and waste management and energy supply. By contrast, the environmental protection investments in manufacturing made a downturn. In 2018, most investments in environmental protection were made by water and waste management, amounting to EUR 335 million, which covers around one-half of total investments. Second most investments were made in the metal industry and energy supply, both of which invested EUR 71 million.

The concepts and definitions of the statistics are based on EU Regulation (No 691/2011 and 538/2014) on European environmental economic accounts and on Eurostat's manuals.

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## Appendix tables

**Appendix table 1. Industry-specific consumption of environmental protection expenditure in 2016 to 2018**

Industry (TOL2008)	2016	2017	2018
B Mining and quarrying	60	56	41
C Manufacturing	234	240	244
16 - 17 Forest industry	72	79	82
19 - 22 Chemical industry	41	38	39
24 - 30, 33 Metal industry	105	107	106
10 - 15, 18, 23, 31 - 32 Other industry	17	16	16
D Energy supply	32	74	82
36-39 Full-time producers of environmental protection services and water supply	1 722	1 766	1 920
Total	2 048	2 136	2 286

**Appendix table 2. Environmental protection investments by mining and quarrying, manufacturing and energy supply in 2016 to 2018**

Industry (TOL2008)	2016	2017	2018
B Mining and quarrying	77	74	68
C Manufacturing	167	201	179
16 - 17 Forest industry	39	80	43
19 - 22 Chemical industry	68	70	48
24 - 30, 33 Metal industry	37	25	71
10 - 15, 18, 23, 31 - 32 Other industry	21	26	15
D Energy supply	49	64	71
36-39 Full-time producers of environmental protection services and water supply	412	285	335
Total	705	624	653

### Inquiries

Antti Hörkkö                      029 551 3035  
Head of Department in  
charge:  
Mari Ylä-Jarkko

[ymparistotilinpito@tilastokeskus.fi](mailto:ymparistotilinpito@tilastokeskus.fi)  
[www.stat.fi](http://www.stat.fi)

Source: Environmental protection expenditure accounts 2018, Statistics Finland