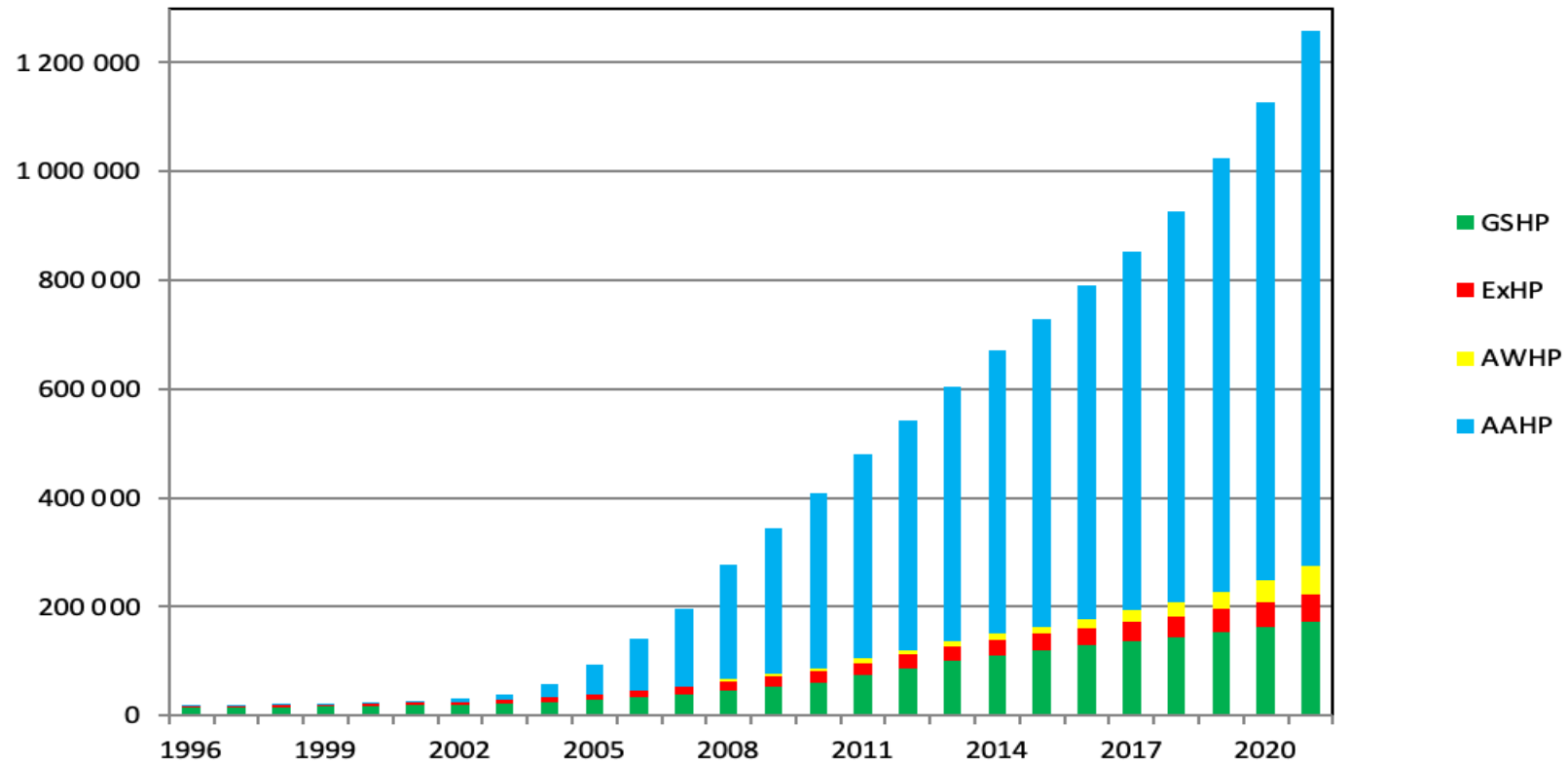


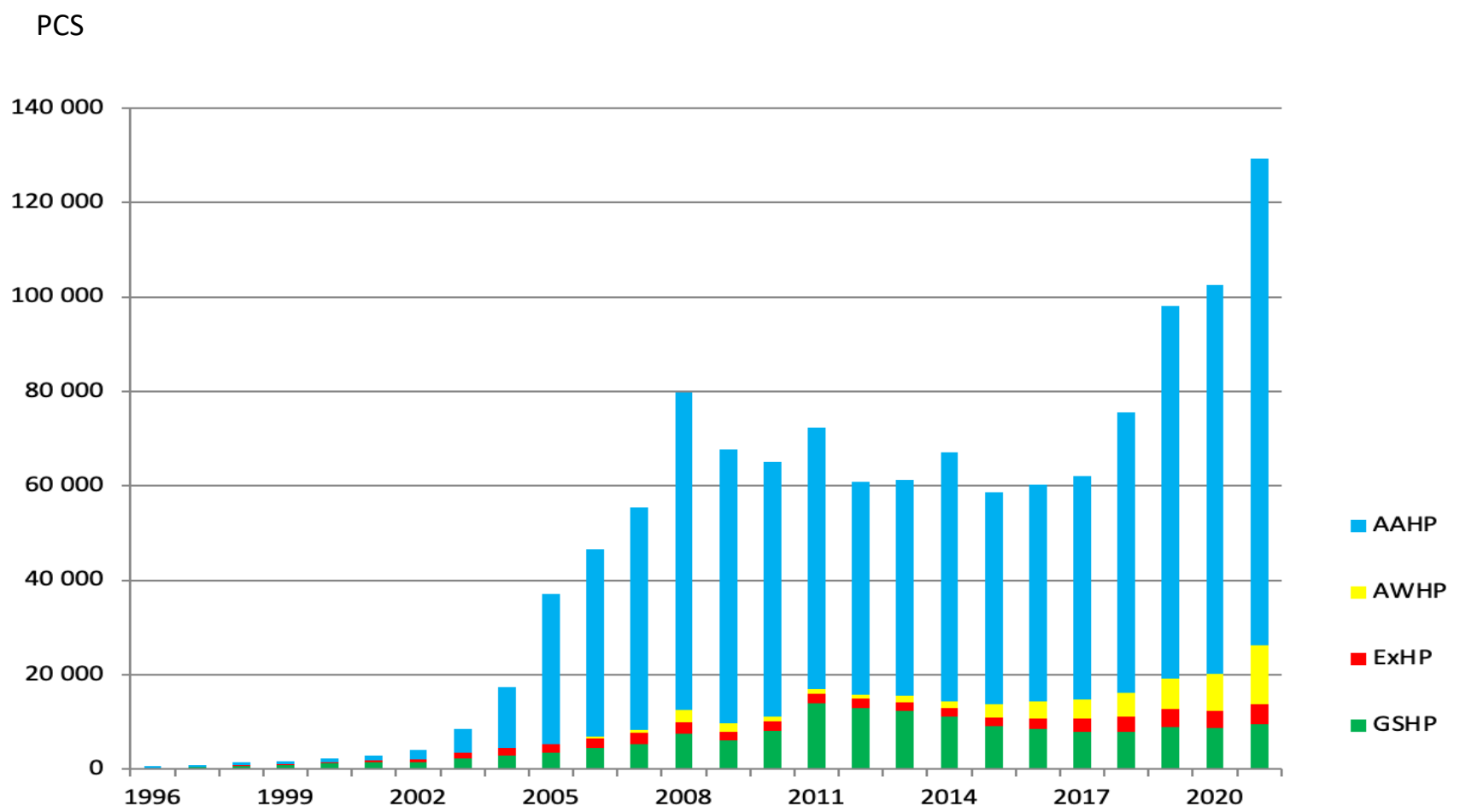
Cumulative Heat Pump sales in Finland (pcs)

(Megawatt-size district heating/cooling , shopping center, service building , industrial HPs as well as planning , service, etc. are missing from figures below)

PCS

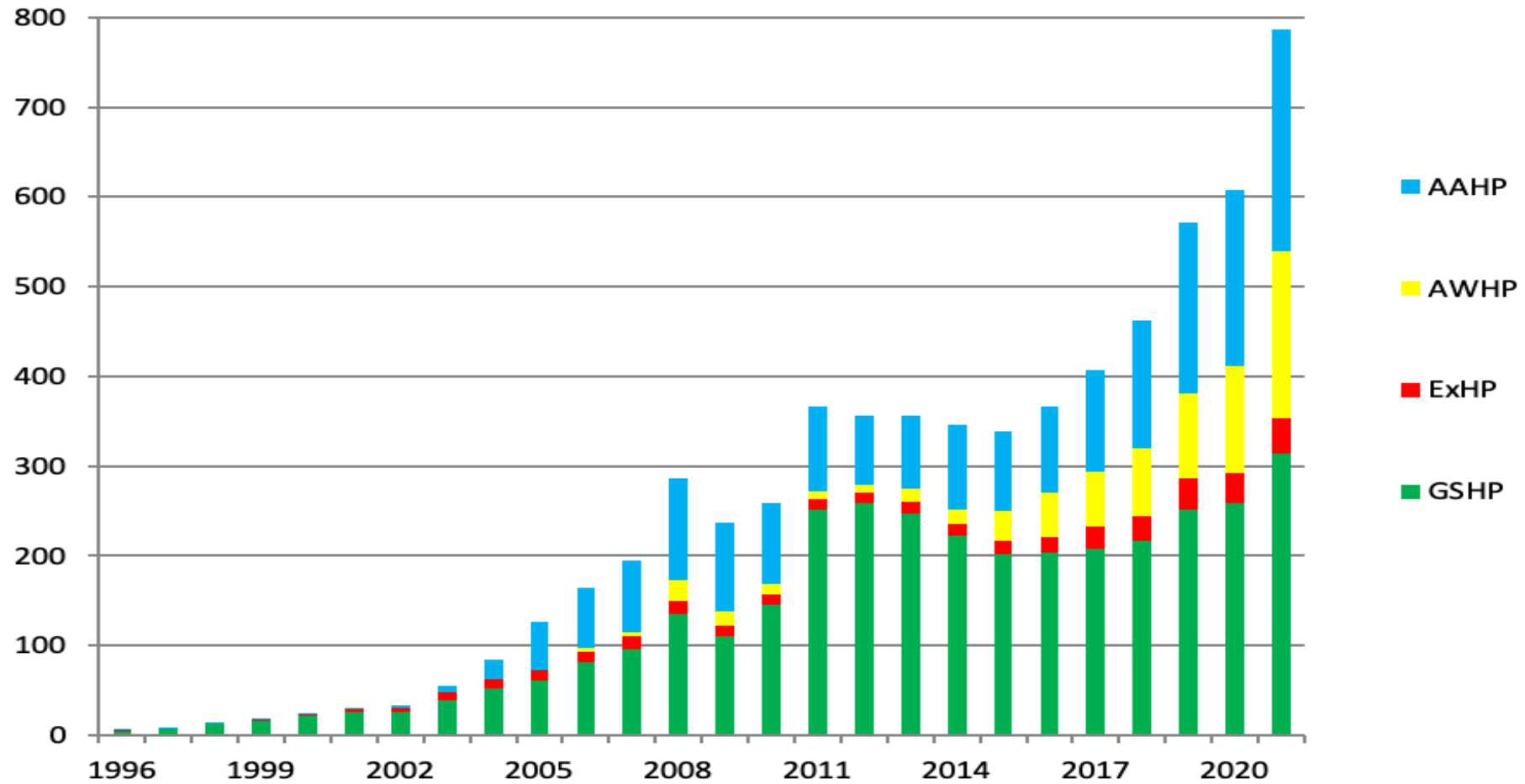


Annual Heat Pump installations in Finland (pcs)



Annual Heat Pump investments in Finland (MEUR)

MEUR



Average investment: GSHP 33.000€, AWHP 15.000€, EAHP 9.000€, AAHP 2.400€
(emphasis by the capacity of sold heat pumps)

Cumulative Investments in Heat Pump Systems

7 Billion €

M€

7 000

6 000

5 000

4 000

3 000

2 000

1 000

0

1976

1981

1986

1991

1996

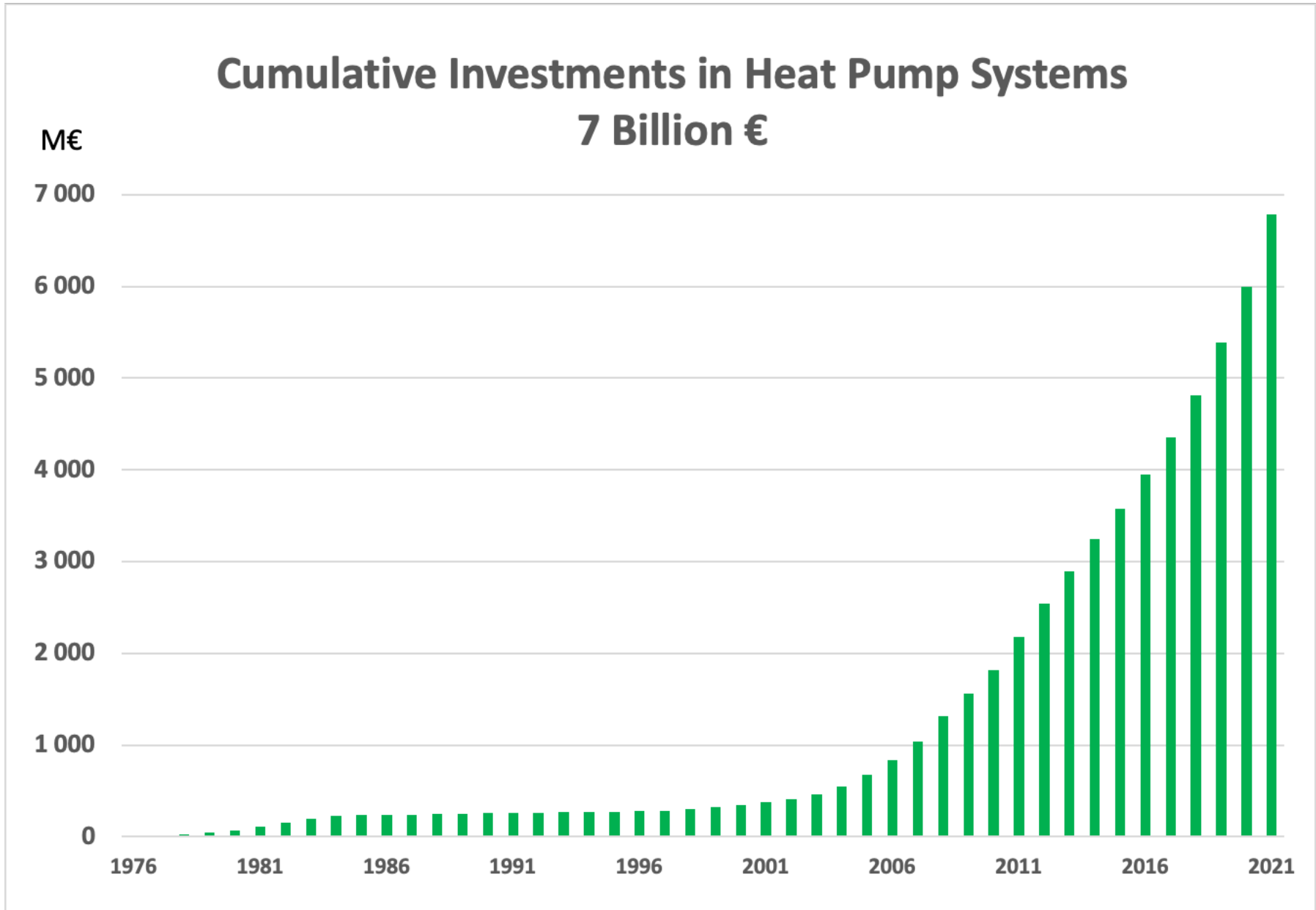
2001

2006

2011

2016

2021



Heat Pump Sales in Finland 1.1.-31.12.2021 (1.1.-31.12.2020)

Heat Source	Distribution	Capacity (kW) (max.)					Total	Change %
		0-6	7-10	11-25	26-100	101-		
Outside air	Water (AWHP)	956 (705)	5629 (3934)	5514 (3024)	317 (229)	0 (0)	12416 (7892)	57,3 %
	Air (AAHP)	98522 (78217)	4014 (3467)	476 (425)	124 (79)	0 (0)	103136 (82188)	25,5 %
Exhaust air	Water (ExHP)	4307 (3569)	0 (0)	0 (0)	0 (0)	0 (0)	4307 (3569)	20,7 %
	Air (ExHP)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	
Rock, ground lake	Water, air (GSHP)	1510 (1947)	2334 (1973)	4170 (3582)	1428 (1125)	74 (17)	9516 (8644)	10,1 %
Total	2021 2020	105295 (84438)	11977 (9374)	10160 (7031)	1869 (1433)	74 (17)	129375 (102293)	26,5 %