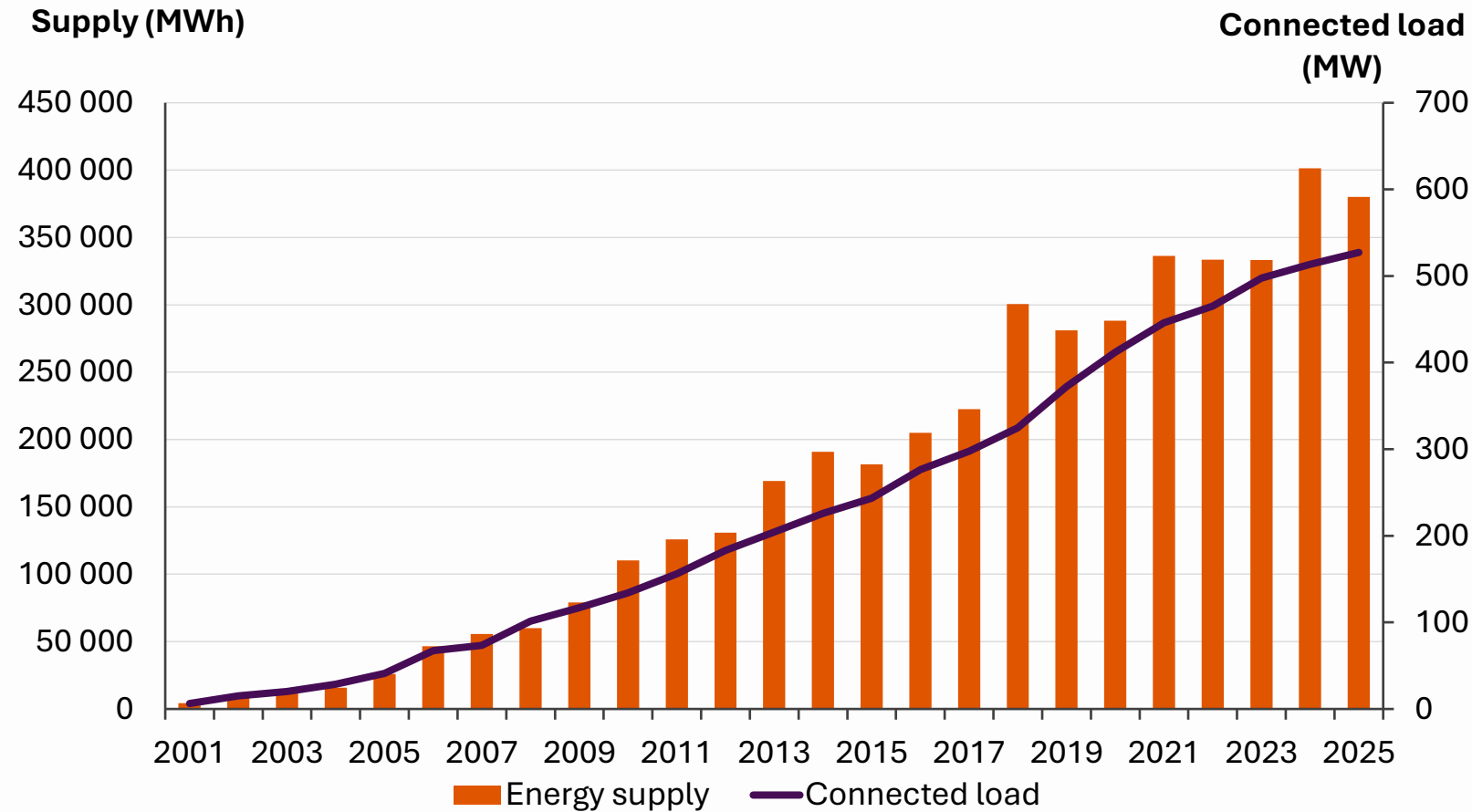


District cooling in Finland

2025

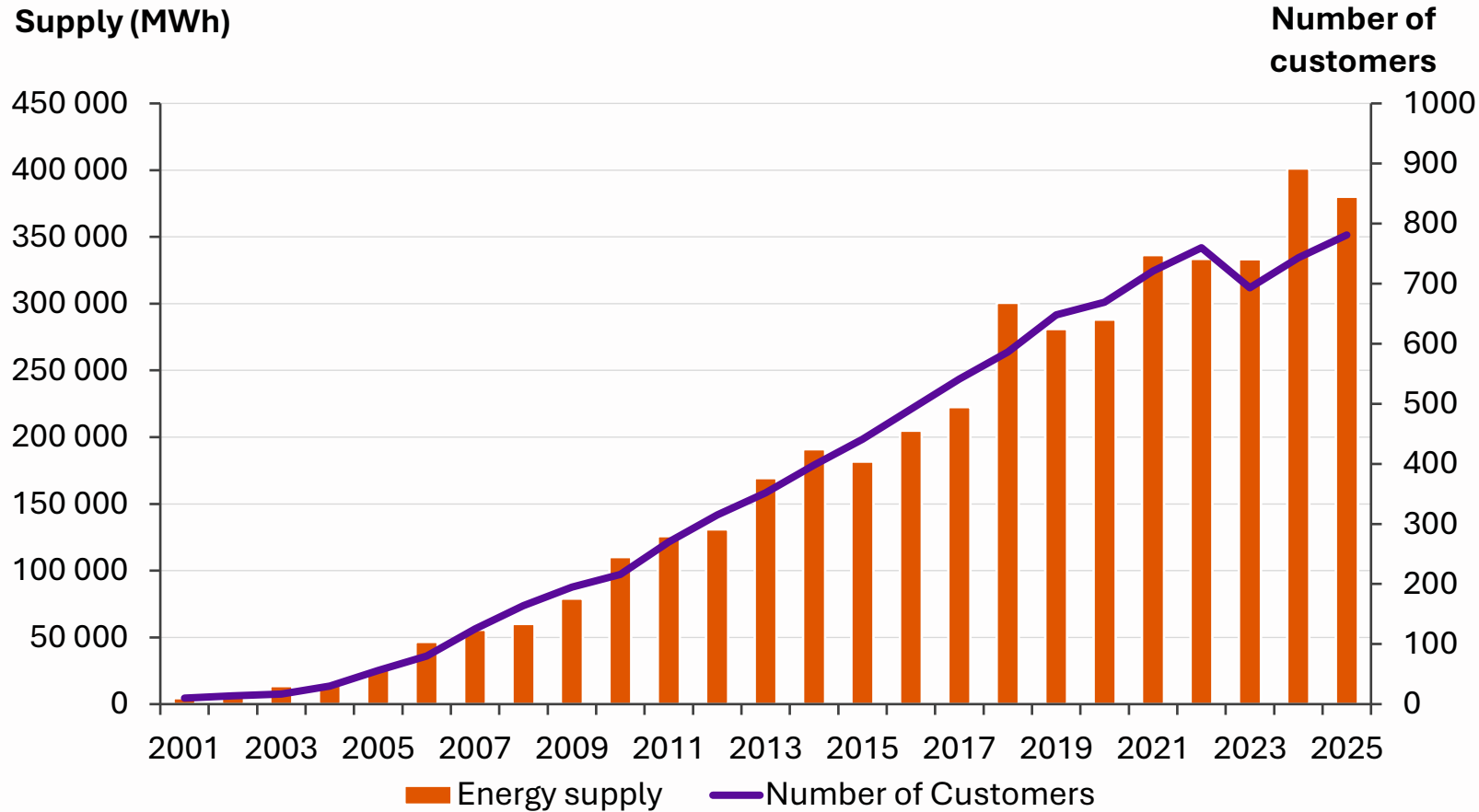


Supply and connected load



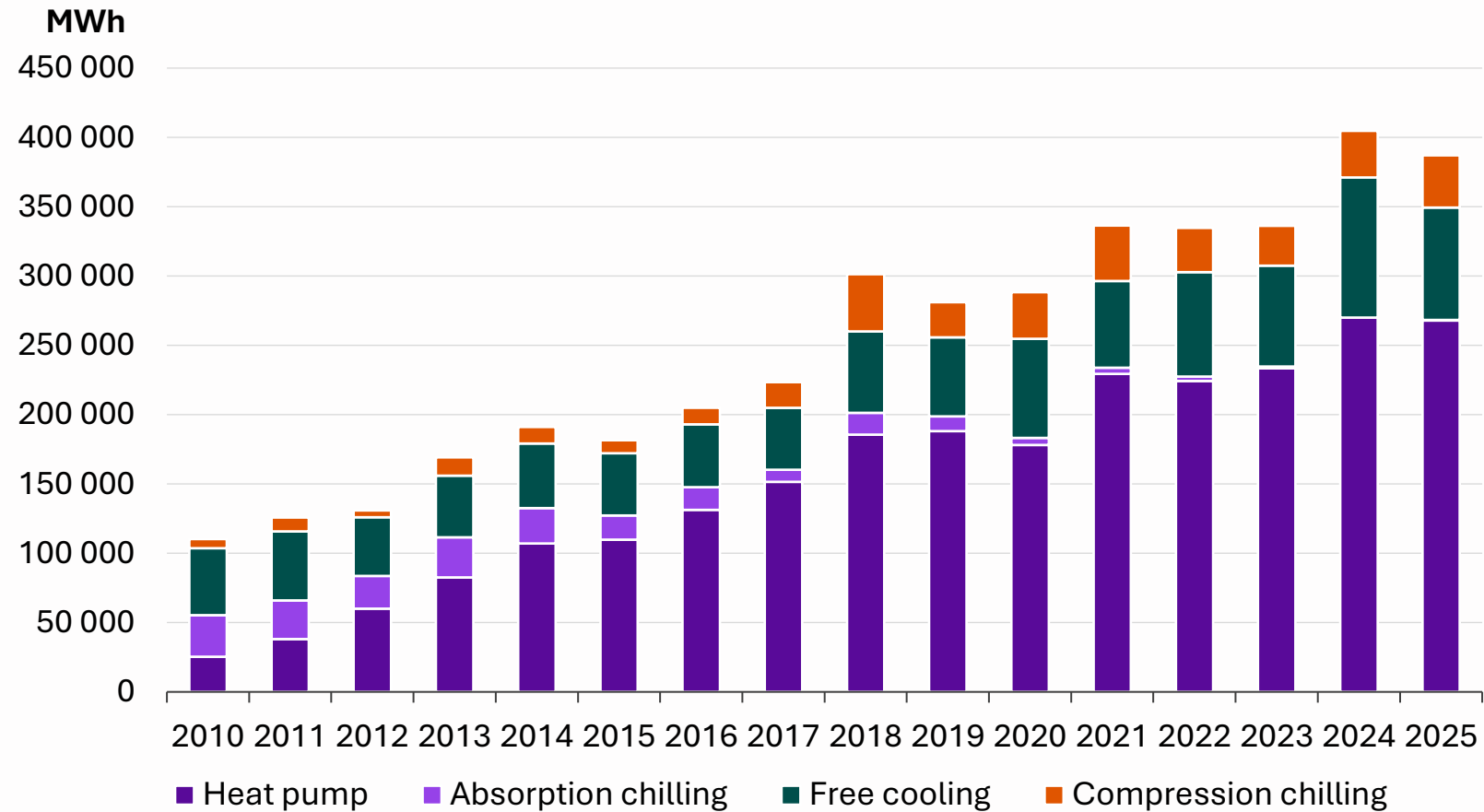
- Connected load increased by 3 % and has almost quadrupled since 2010.
- Delivered energy decreased by 5 % from the previous year. It has more than tripled since 2010.

Supply and number of customers

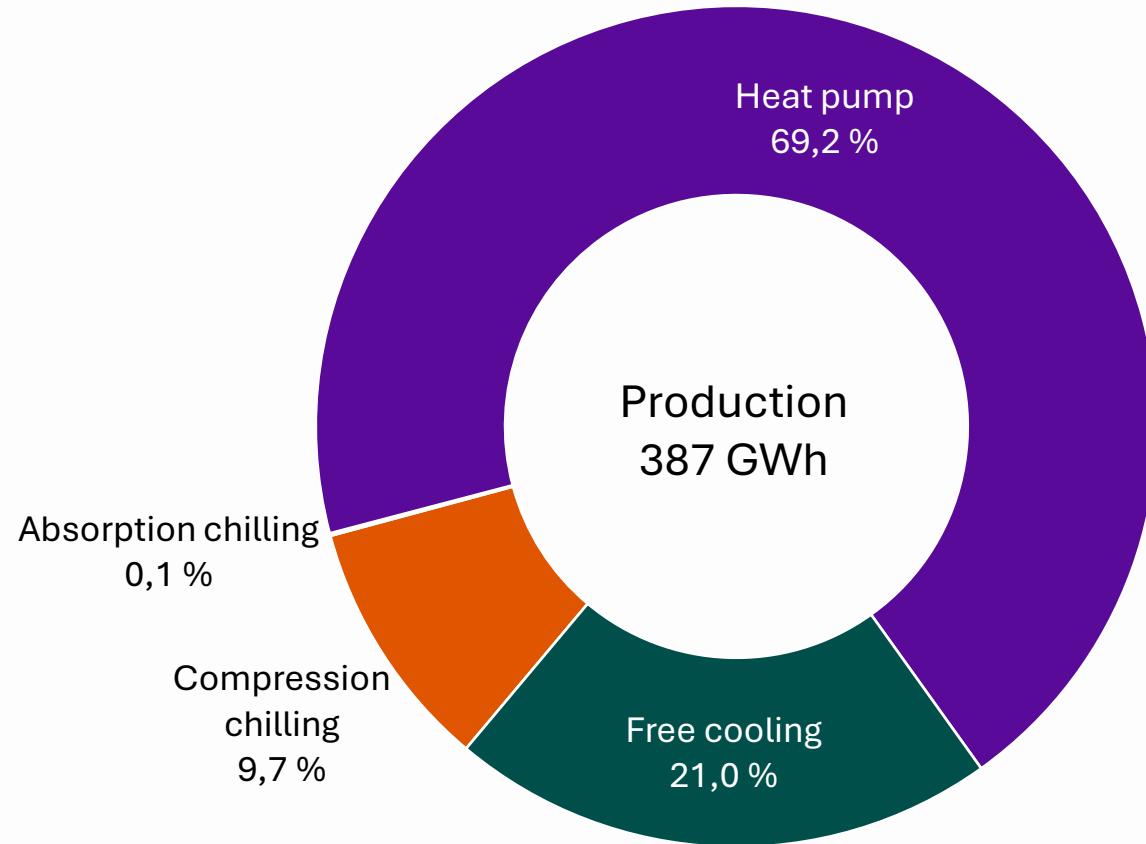


- Delivered energy decreased by 5 % from the previous year.

District cooling production

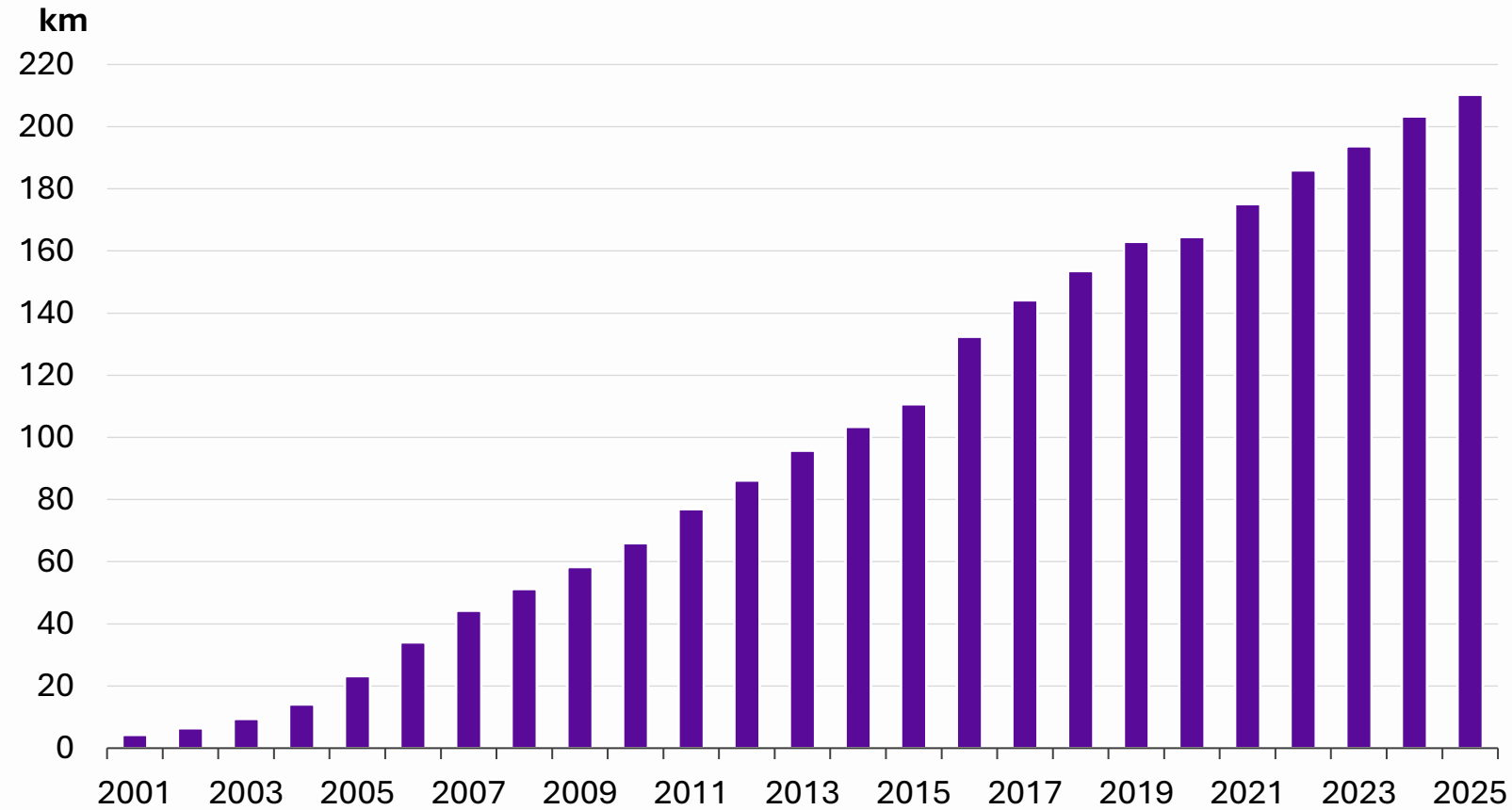


District cooling production 2025

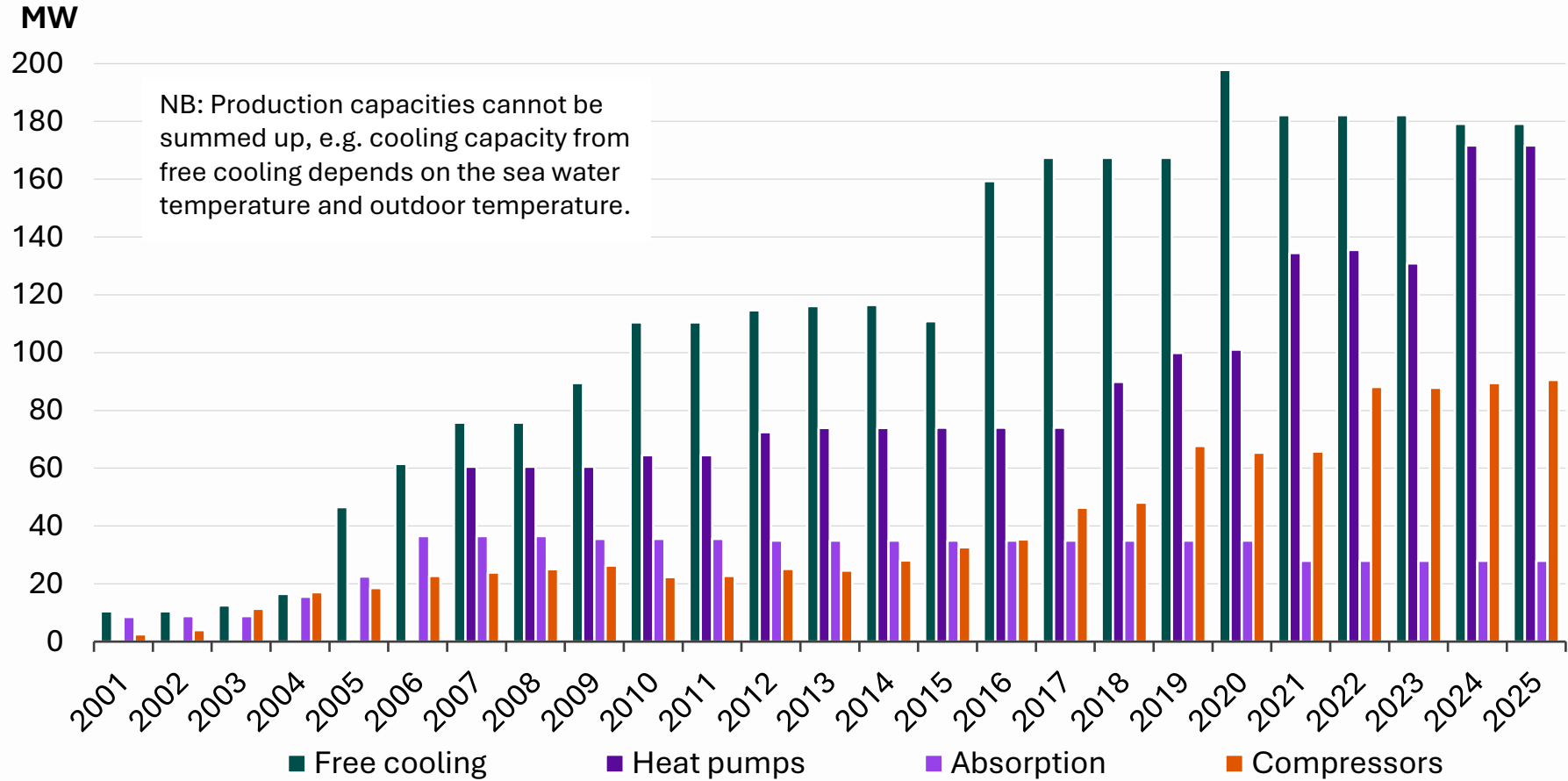


- Over 90% of district cooling energy is produced from energy sources that would otherwise be unutilized.
- Same heat pumps often produce both heat and cooling energy
 - the cooling water is cooled and the district heating water is warmed up in the same process.
- District cooling also utilizes the ambient energy from sea, lakes and rivers as well as outdoor air whenever the temperature is low enough.

District cooling network



Production capacity



Energy companies selling district cooling in 2025

| Energy company | District cooling activities started |
|--------------------------|-------------------------------------|
| Alva-yhtiöt Oy | 2016 |
| ESE-Energia Oy | 2018 |
| Fortum Power and Heat Oy | 2012 |
| Helen Oy | 1998 |
| Kuopion Energia Oy | 2017 |
| Lahti Energia Oy | 2000 |
| Lempäälän Lämpö Oy | 2008 |
| Loimua Oy, Hämeenlinna | 2024 |
| Oulun Energia Oy | 2023 |
| Pori Energia Oy | 2012 |
| Tampereen Energia Oy | 2012 |
| Turku Energia Oy | 2000 |
| Vierumäen Infra Oy | 2002 |