



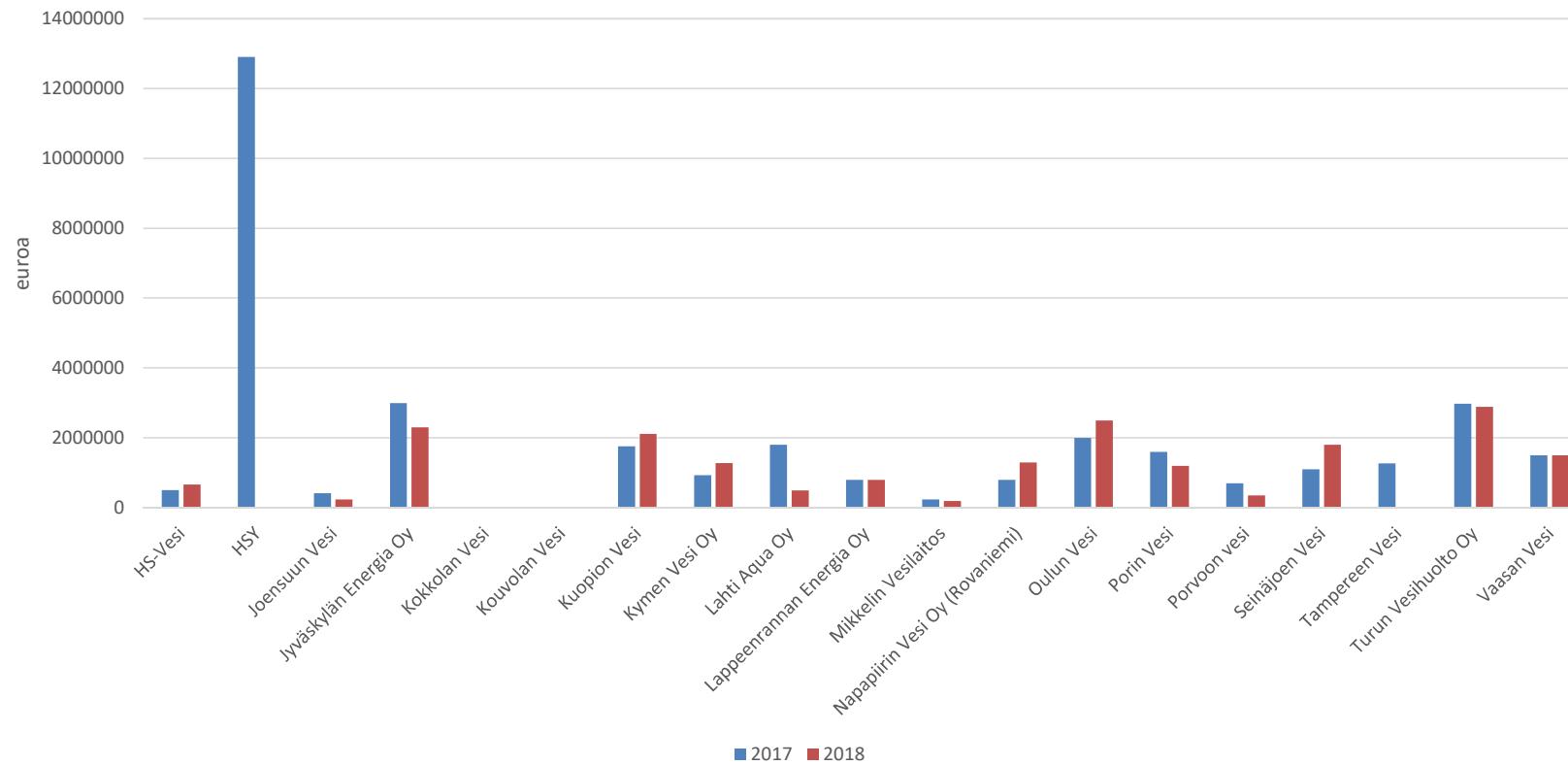
Finnish market review

Jari Kaukonen 2019 09 19

According to Mika Rontu VVY

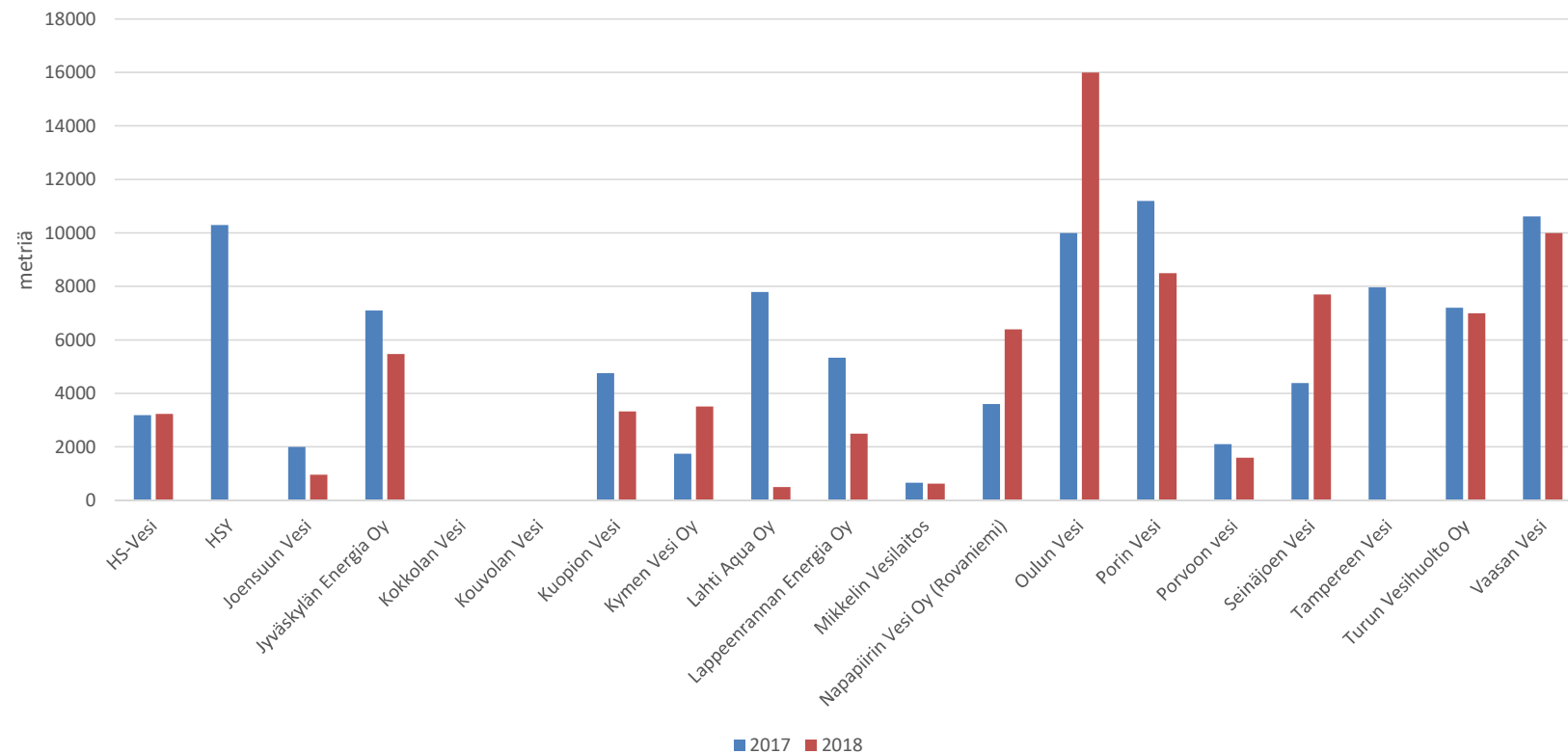


Watermains, rehabilitation, years 2017 ja 2018



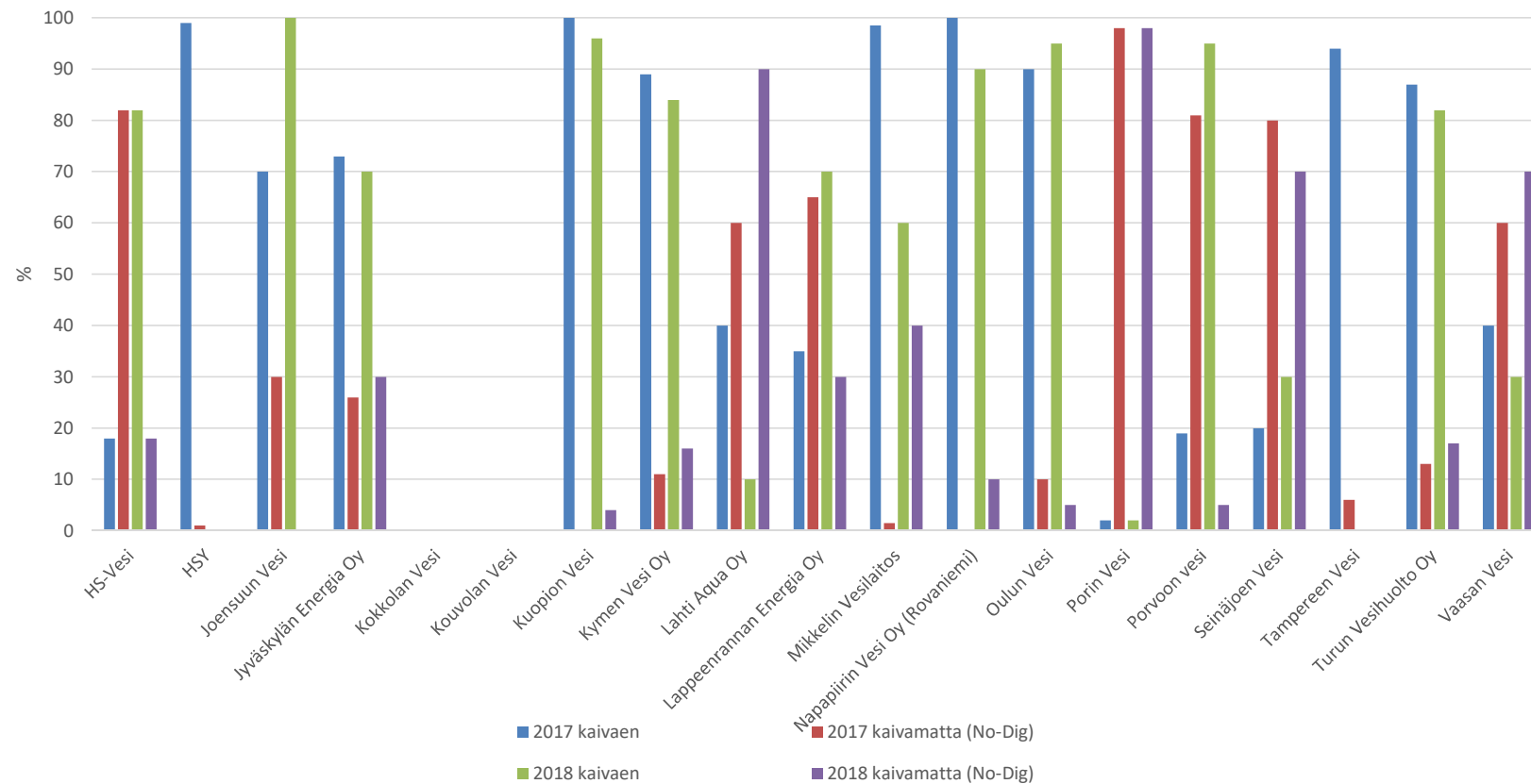


Watermains, rehabilitation, years 2017 ja 2018



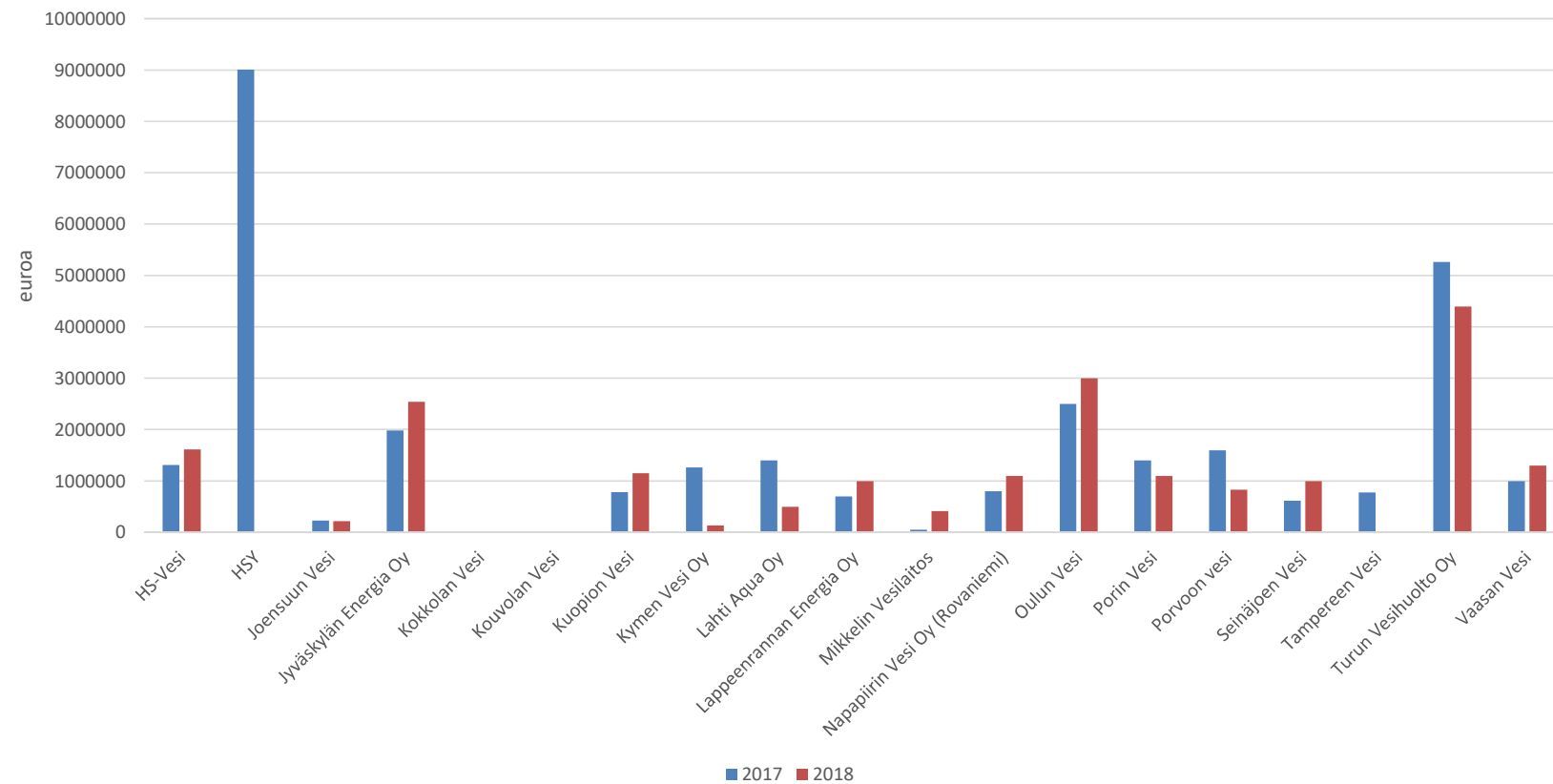


Watermains, rehabilitation 2017 ja 2018



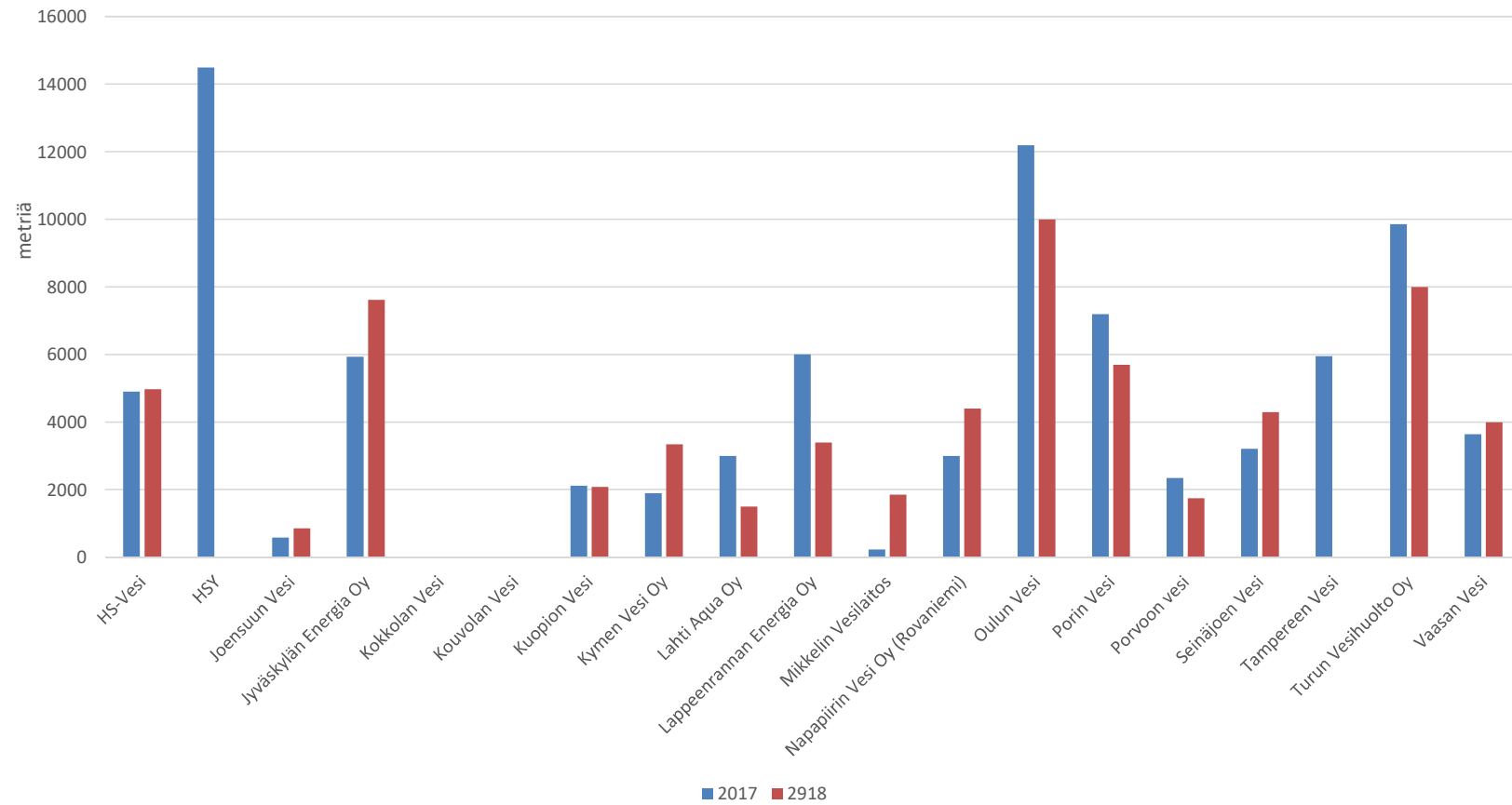


Sewage, rehabilitation, years 2017 ja 2018



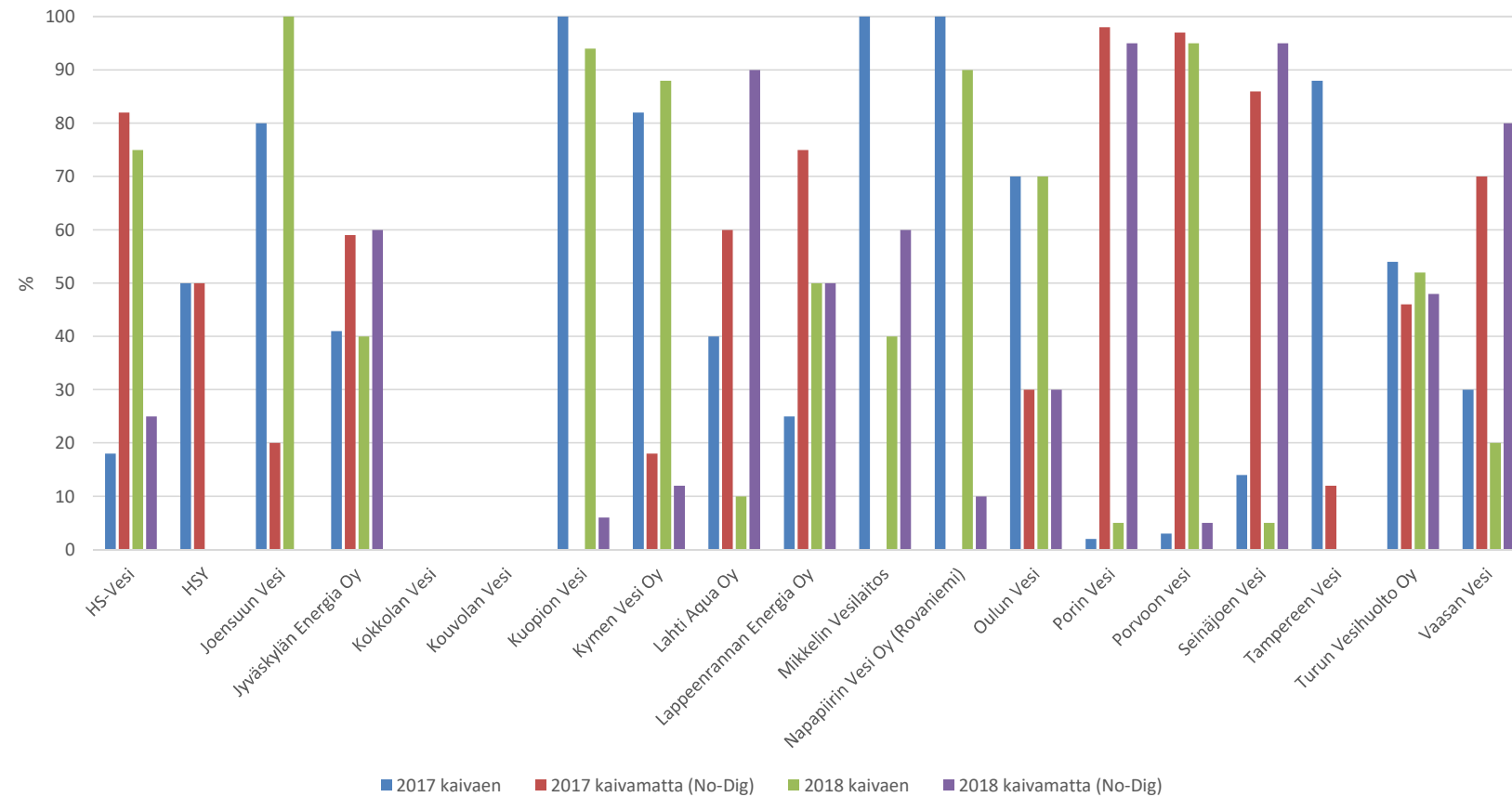


Sewage, rehabilitation, years 2017 ja 2018



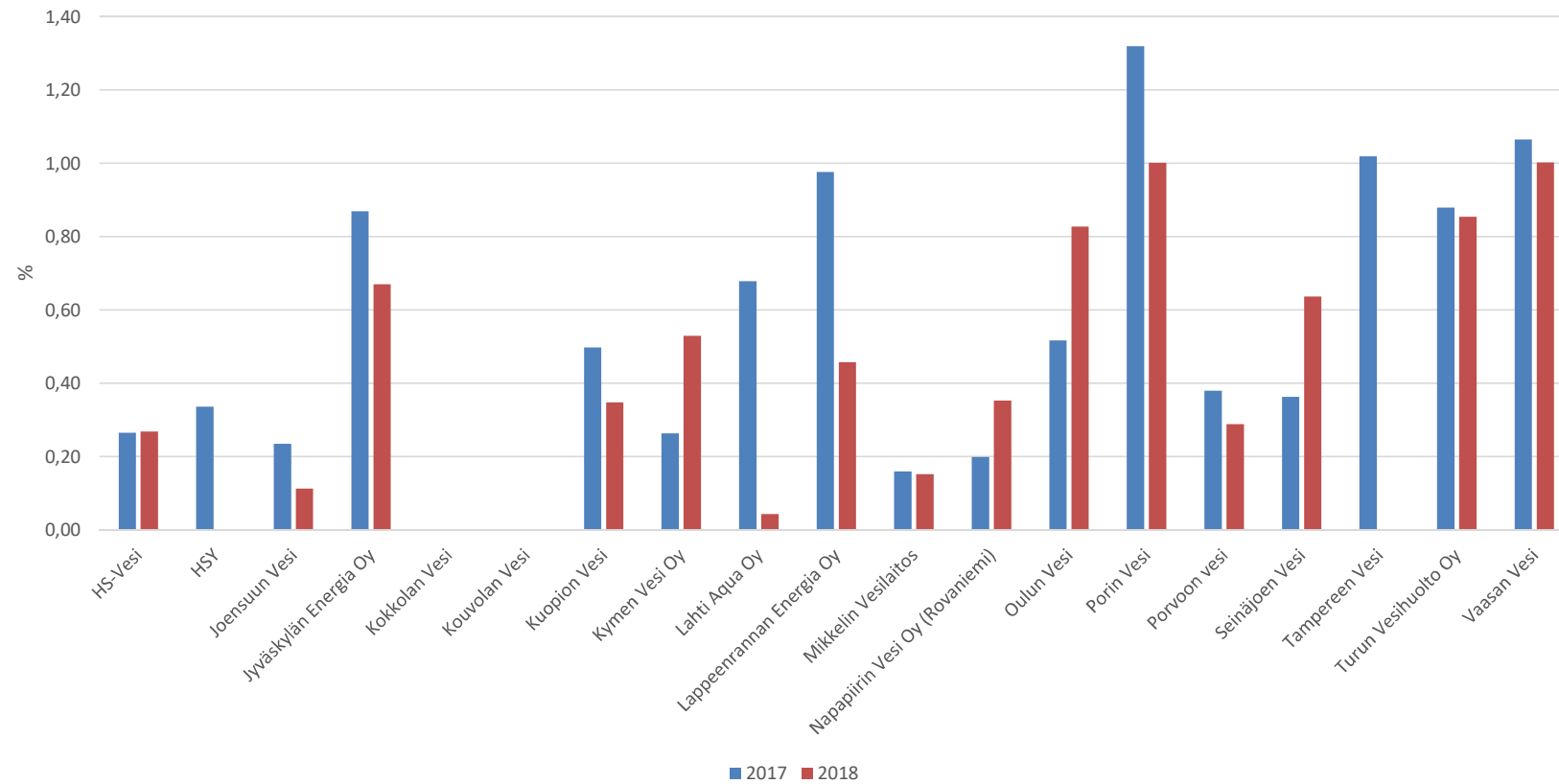


Sewage, rehabilitation, years 2017 ja 2018



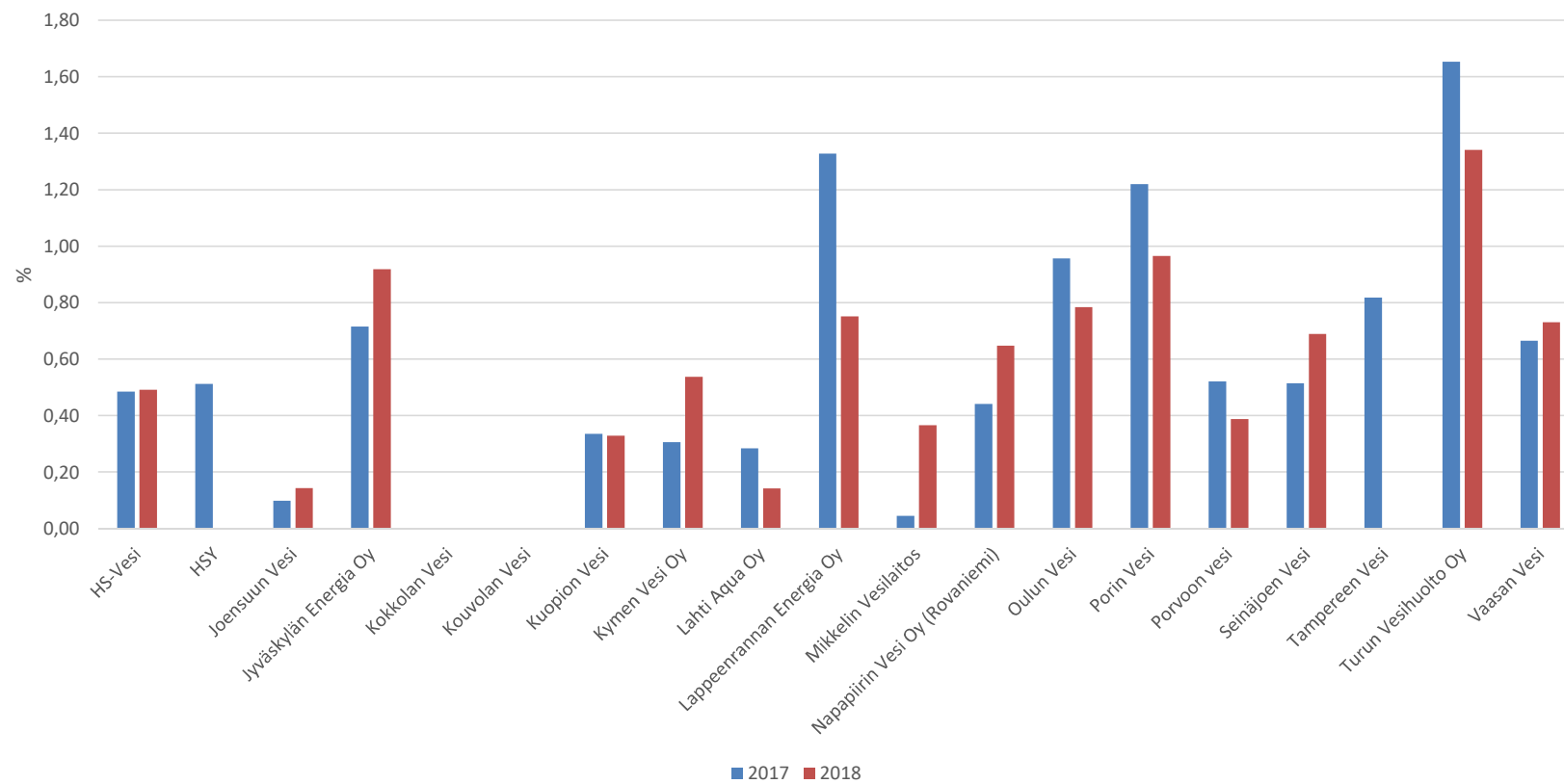


Watermains, rehabilitation degree, years 2017 ja 2018





Sewage, rehabilitation degree, years 2017 ja 2018

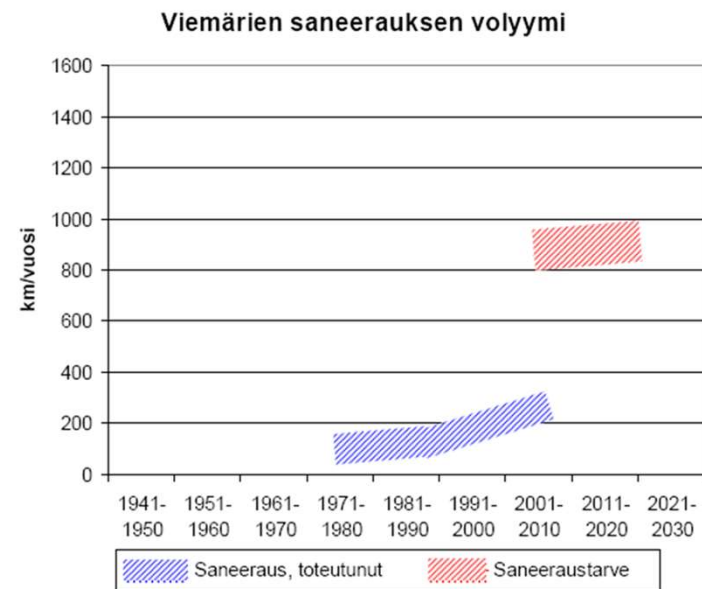
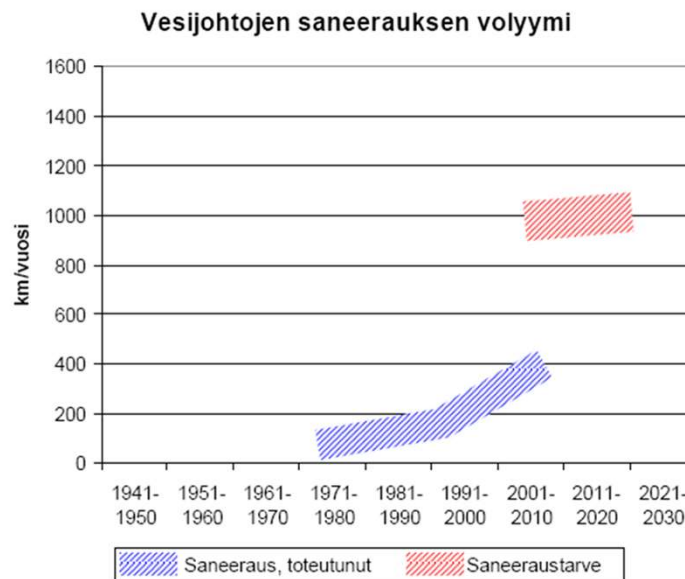


Ministry's estimation about the need of rehabilitation amount in Finland

Need in **red** and happened in **blue**



Vesijohtojen ja viemärien tarvittavat saneerausmäärät ovat Suomessa kolminkertaisia nykyiseen volyymiin nähden (MMM arvio):



Lähde: VESIHUOLTOVERKOSTOJEN NYKYTILA JA SANEERAUSTARVE,
Maa- ja Metsätalousministeriö 2008



- Watermains should have a life span of about 200 years
- Watermains rehabilitation DIGGING 65% and NO DIG 35%
- Sewage should have a life span of about 200 years
- Sewage rehabilitation DIGGING 55% and NO DIG 45%
- Comparing rainwater mains should last about 500 years and No Dig is used 25 %



Thank You for Your attention

Wellcome to Helsinki in 2022!
(international No Dig show)