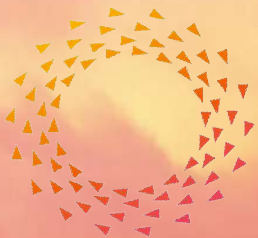


Nordic cases comparison LUT - VTT

Jussi Ikäheimo (VTT)

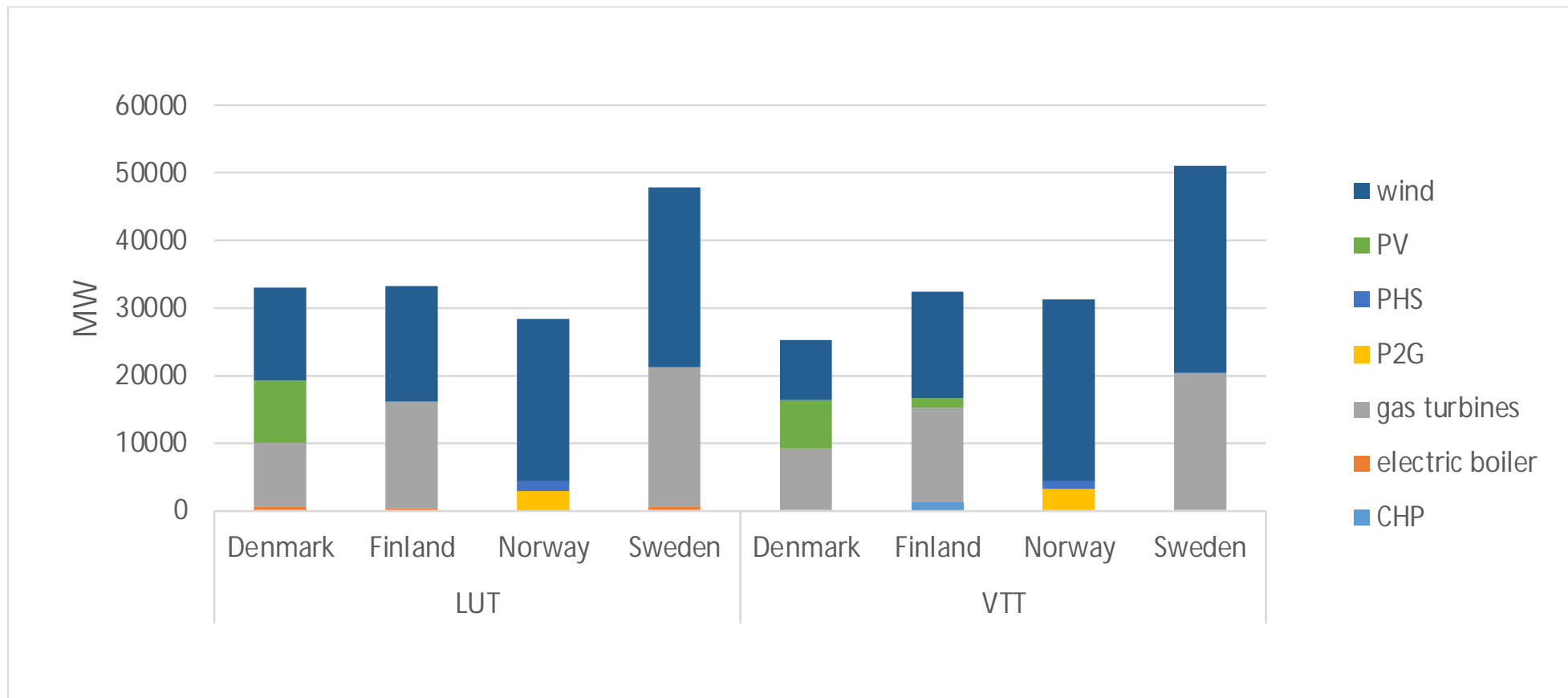


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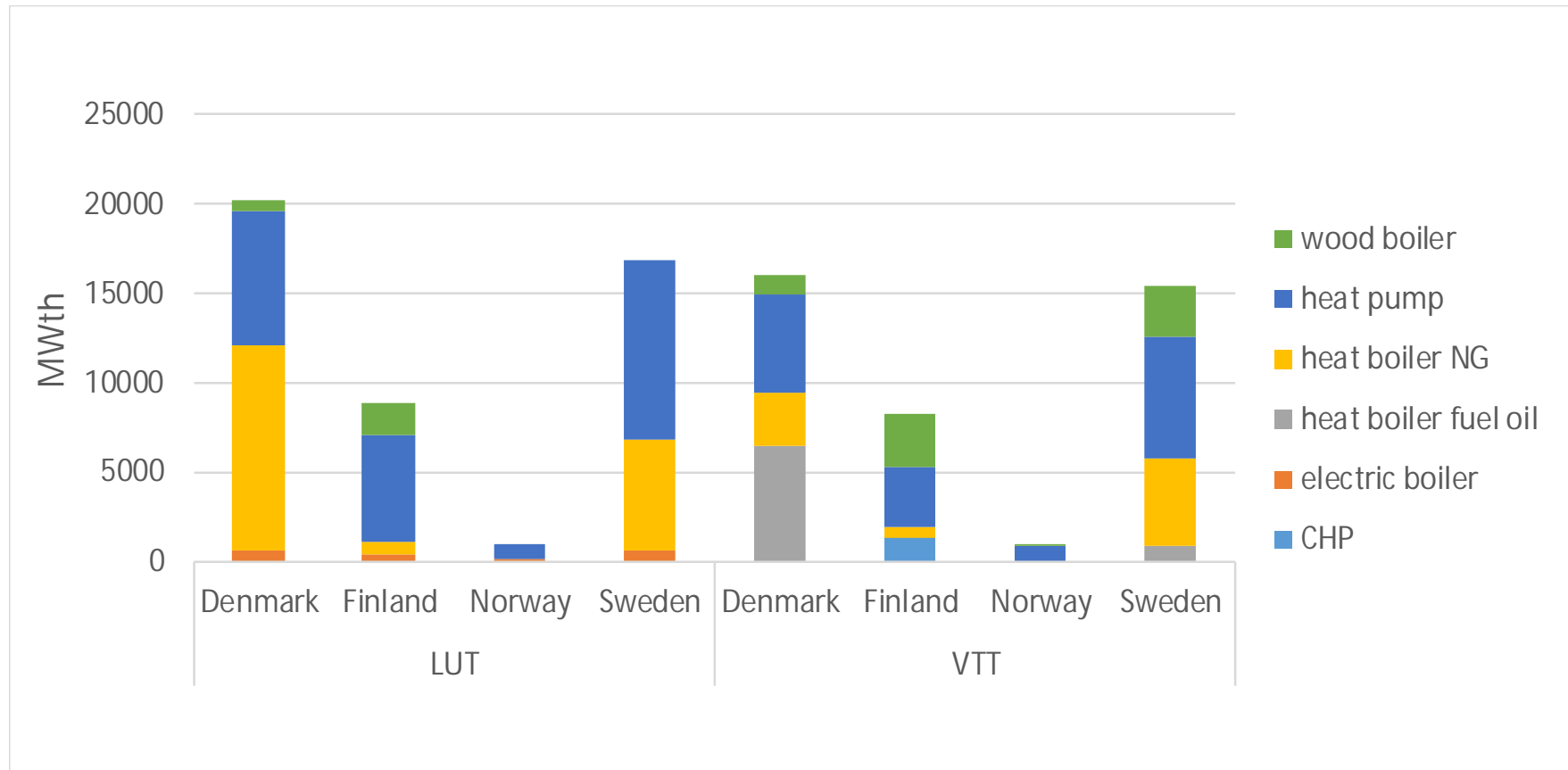
Introduction

- VTT case and LUT case were run with Balmorel/Wilmar
 - 2050 overnight scenario FI, SE, NO, DK
 - Countries were subdivided into regions (9 total) in both cases
 - current hydropower plants were present, pumped hydro could be added

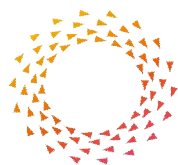
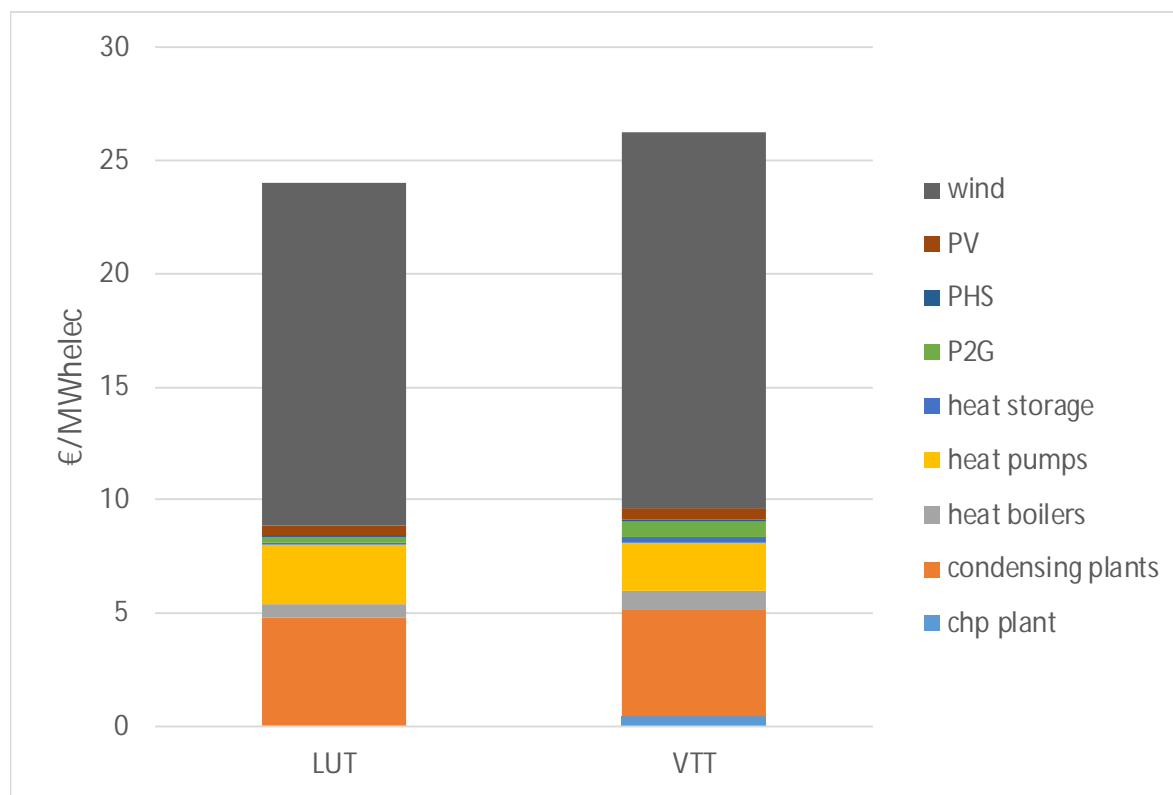
Investments into electricity generation



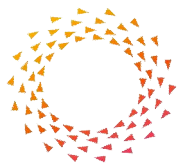
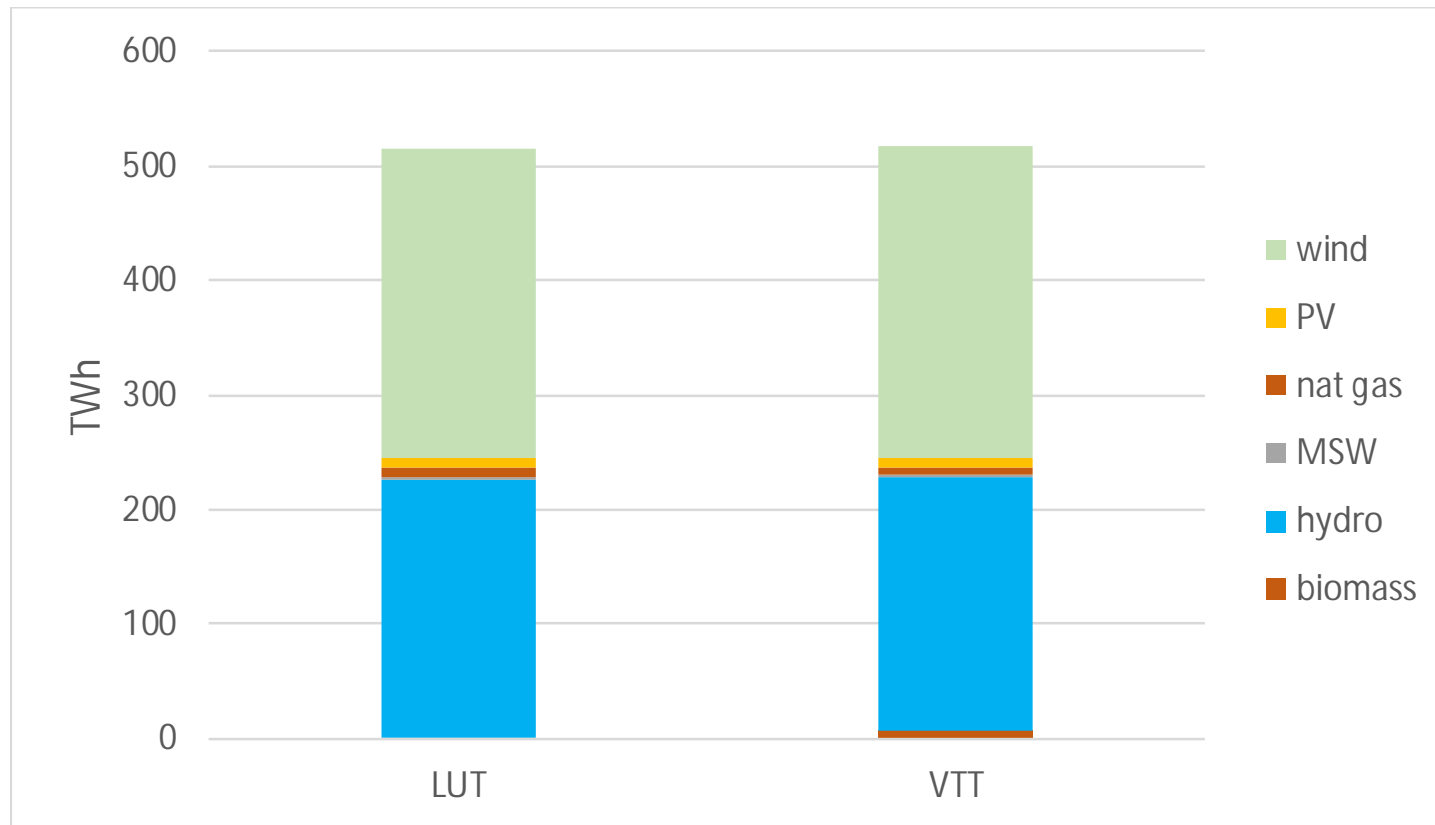
Investments into heat generation



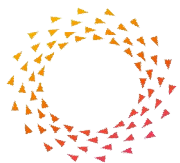
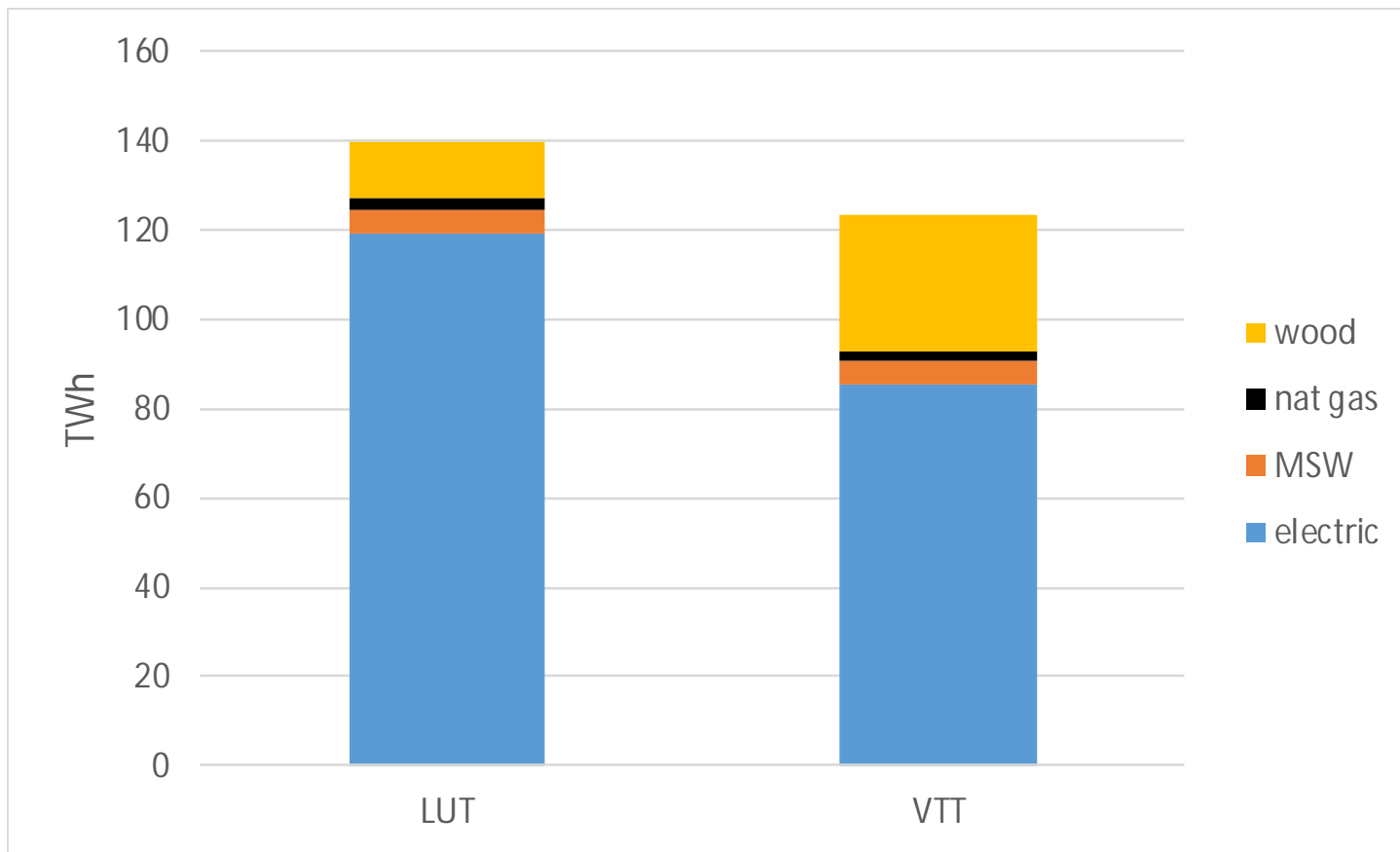
Investment costs generation and storages



Power generation

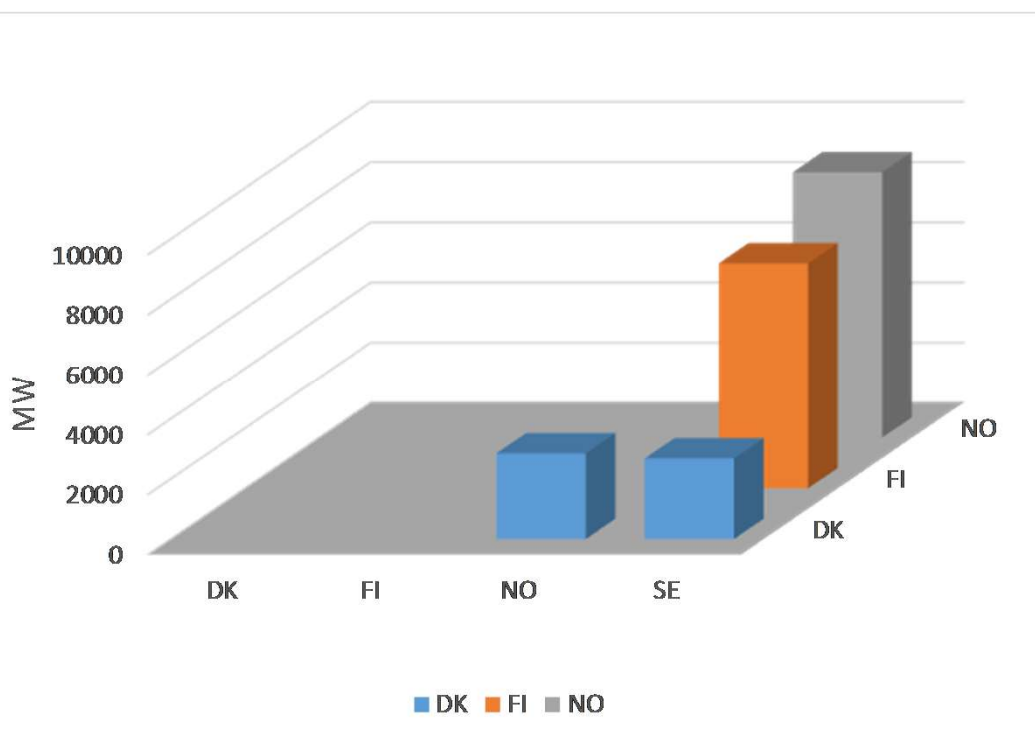


Heat generation

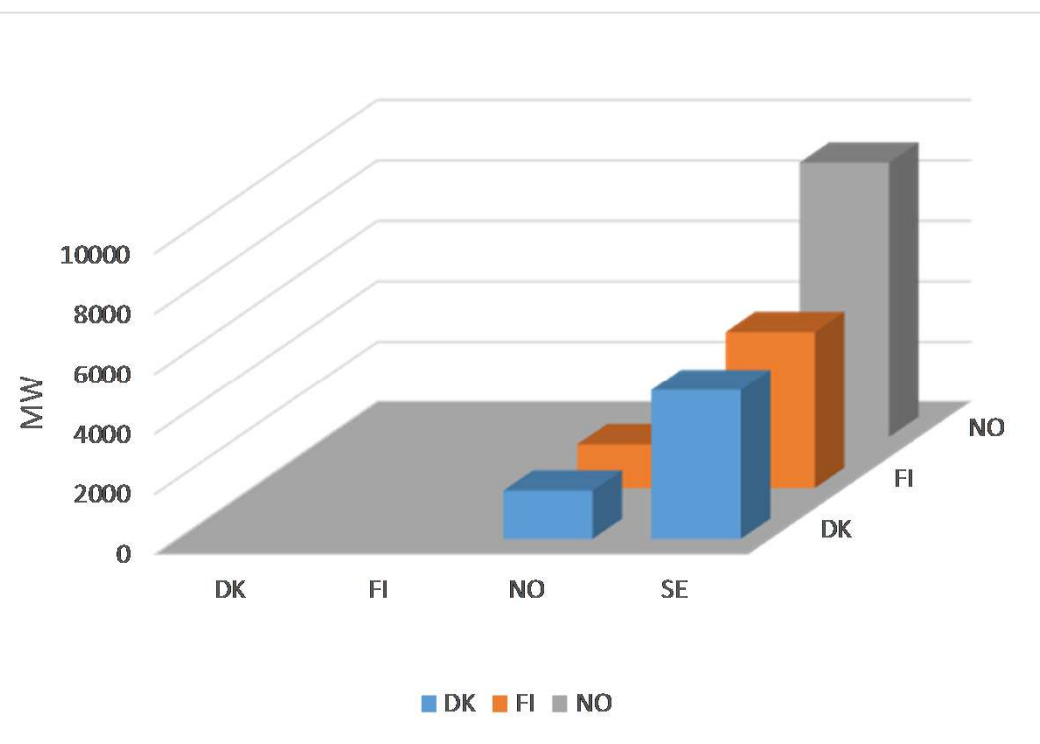


Total transmission capacity between countries

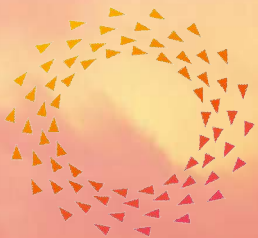
LUT



VTT



Thank you



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