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Final Conference

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SMART PEOPLE – SMART ECONOMY – SMART CITIES



Examples from Helsinki – impact and scaling up

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Helsinki Demo Overview – Zone 1 example

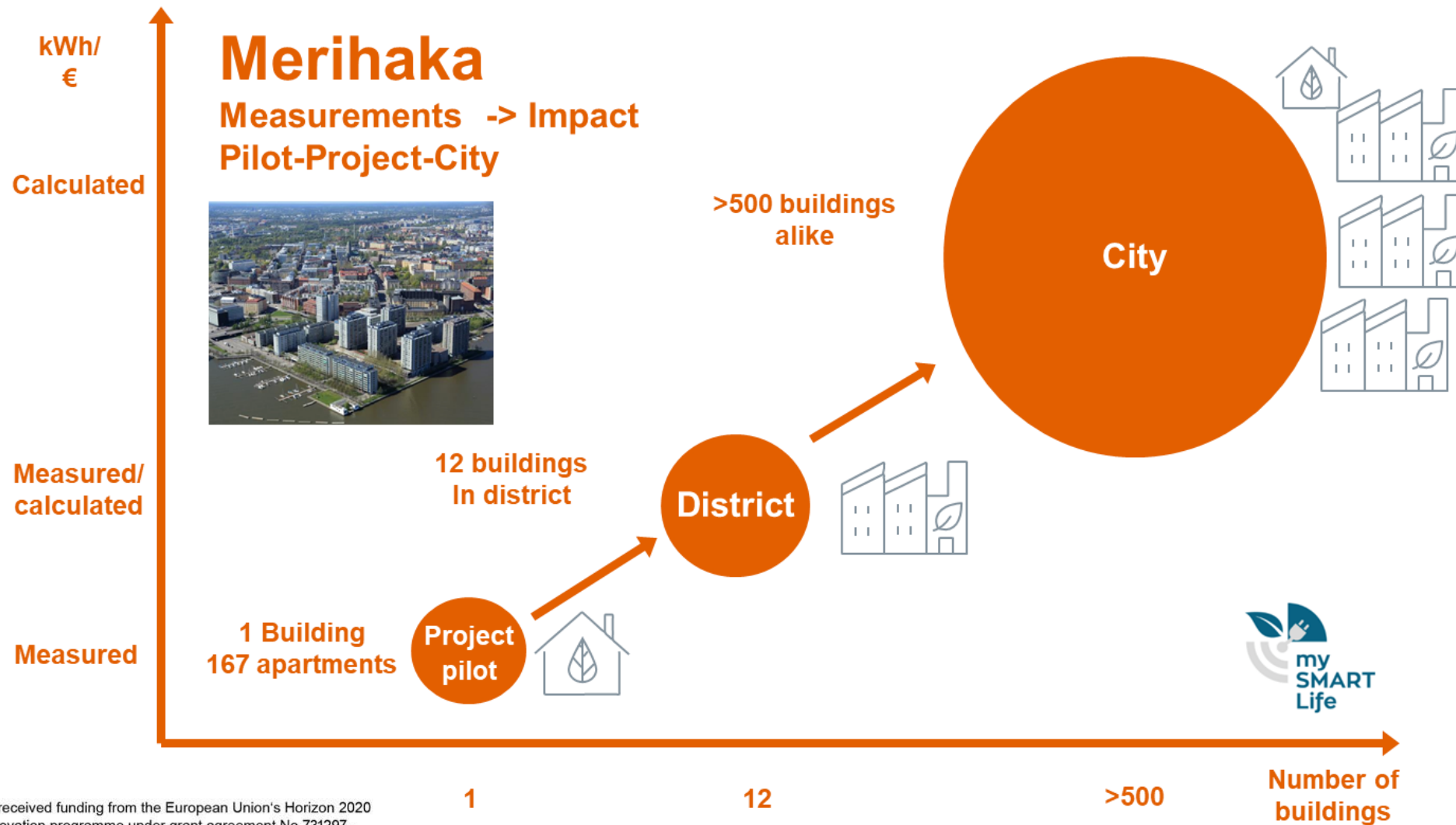


Zone 1: Merihaka

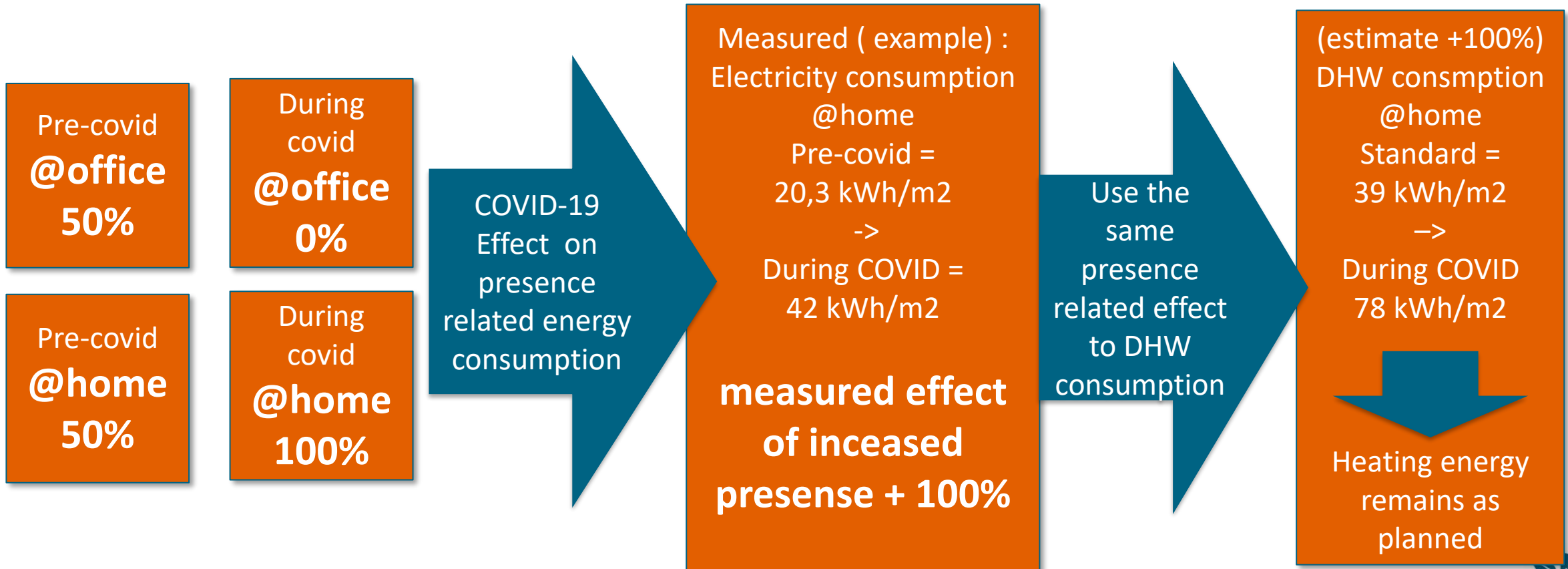
1970s residential typical construction, Retrofit of energy solutions, heat demand response

1 Building, 167 apartments,
10 113 m²
Total 12 buildings

Example of scaling up impact – Merihaka



Covid-19 effects on human presence related energy consumption @home, Merihaka



Lesson learned

- The effect of presence related energy use @home is detected in measured energy - in this example was electricity (measured)
- The same effect detected in electricity measurement can then be applied to other presence related energy use - in this example DHW (is a part of total heating energy and not directly measured)
- By using the same 100 % increase to the estimate of DHW increase results the remaining part of the total energy (= heating) to be as planned.



Thank you for your attention!

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