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Interactive comment on "Validation of the Dynamic Core of the PALM Model System 6.0 in Urban Environments: LES andWind-tunnel Experiments" *by* Tobias Gronemeier et al.

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Within the published preprint, there are some minor mistakes we would like to correct:

- L98: a roughness length of 0.1m was used, not 1m.

- Fig.2: wrong height values were used for the plot of the approaching flow. This was an error purely within the plotting routine and had no further influence on the results. See attached the corrected figure (Fig. 1). The corrected figure caption will be: "Mean profiles of the approaching flow for the wind-tunnel experiment and PALM simulation. Note that z=0m is defined at street level height while the lowest level (white area) within

both experiments was at z=-5m."

- Fig.4: building heights were given relative to the bottom boundary of the simulation. However, within the manuscript, the street-level height is used as the reference height, i.e. z=0m. Hence, we changed the height labels within Fig. 4 in order to always refer to the same height levels throughout the entire text. See attached the corrected figure (Fig. 2). The corrected figure caption will be: "Building layout and heights as used in the PALM simulation. The x direction is oriented to follow the mean wind direction. The total domain size is 6000m, 2880m, and 601m in x, y and z direction, respectively. Note that z=0m is defined at street level height while the lowest level (white area) within both experiments was at z=-5m."

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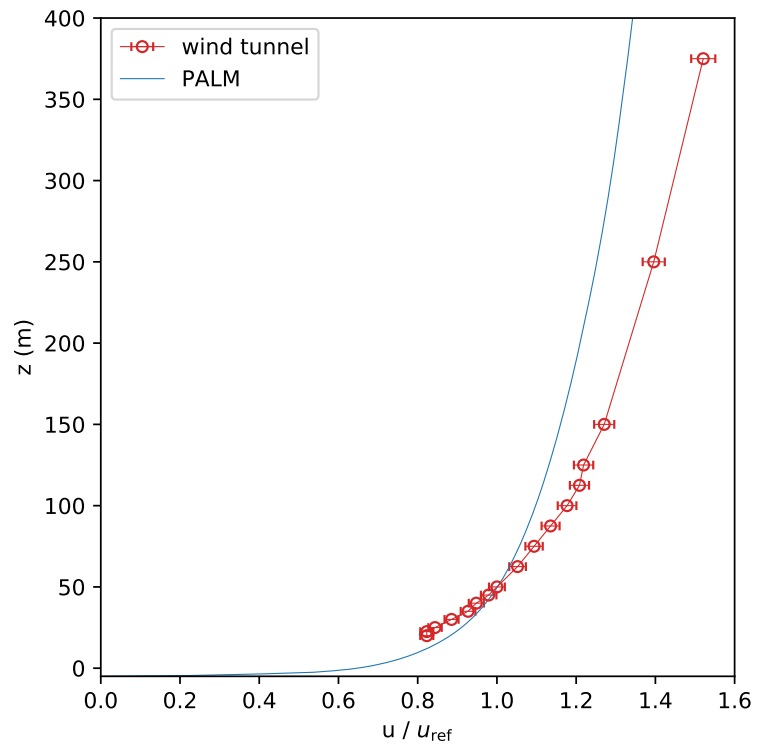
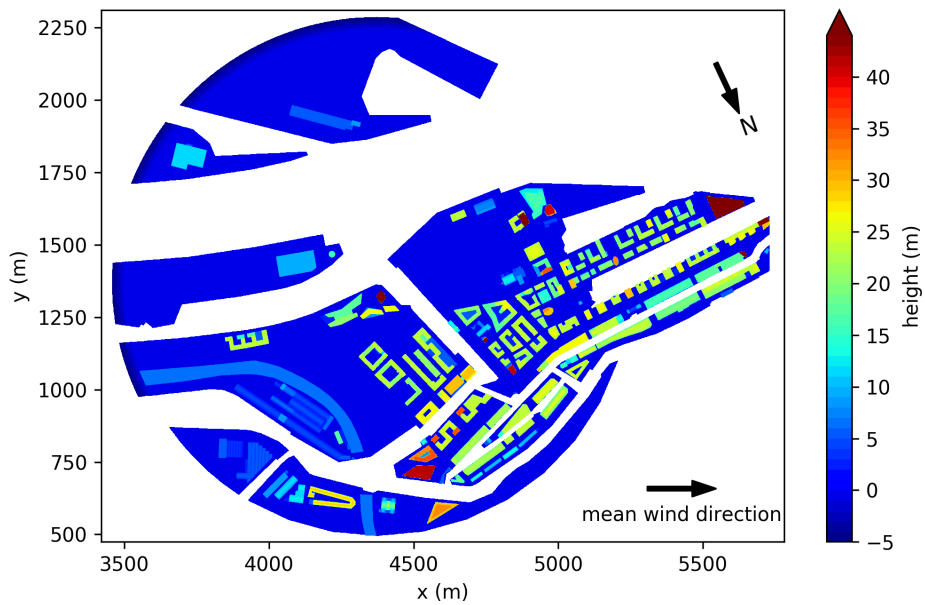**Fig. 1.** Mean profiles of the approaching flow for the wind-tunnel experiment and PALM simulation.

Fig. 2. Building layout and heights as used in the PALM simulation.