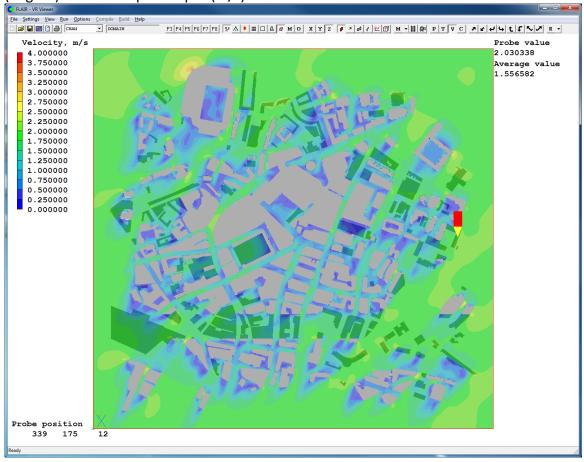
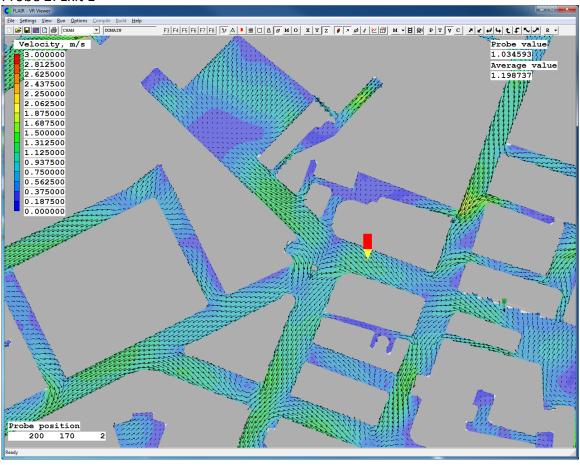
Appendix B

Microclimate CFD s	imulation	results at	weather	station	and three	exits of	f Monumen [.]	t Station
with variable wind	profile inp	uts.						

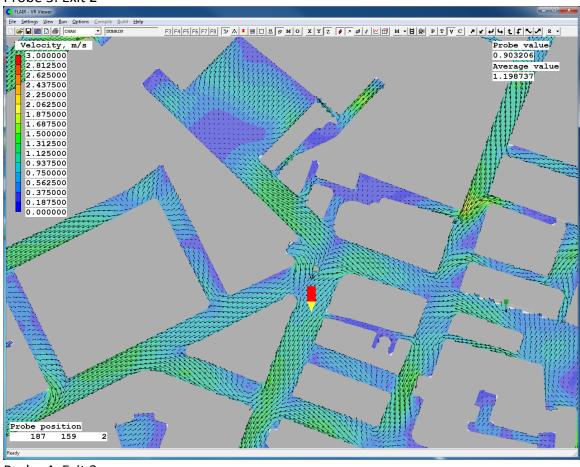
Abbreviation of wind direction: N; Wind direction (degree): 0; Phoenics input direction (degree): 40. Wind speed input (m/s): 2. Probe 1: Weather station.



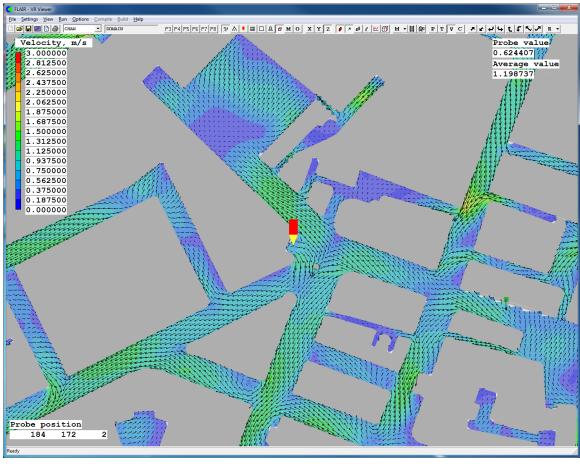
Probe 2: Exit 1

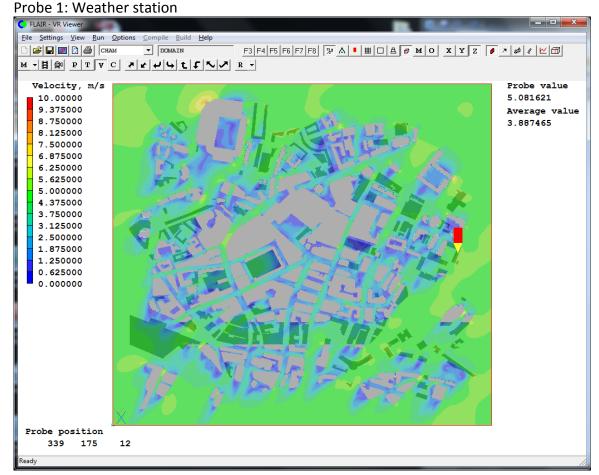


Probe 3: Exit 2

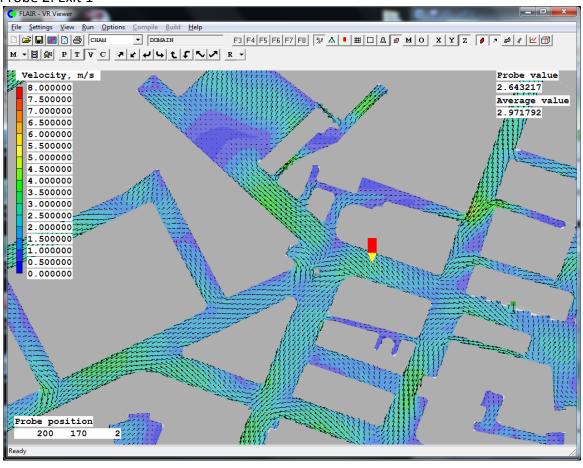


Probe 4: Exit 3

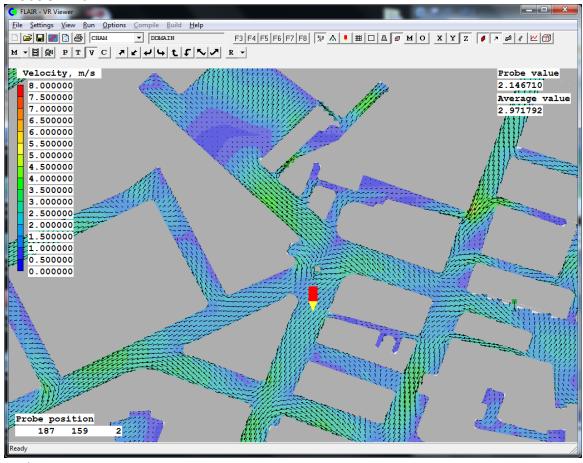




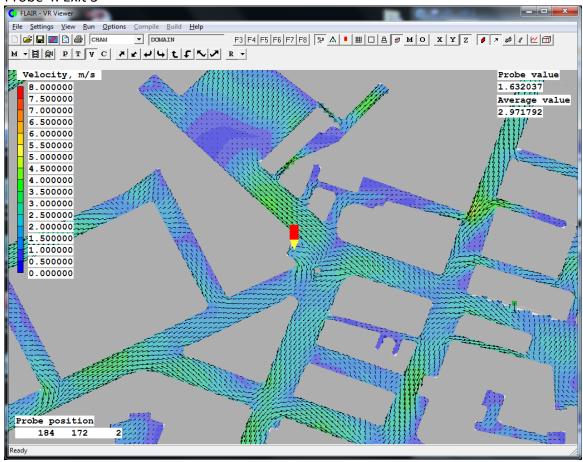
Probe 2: Exit 1



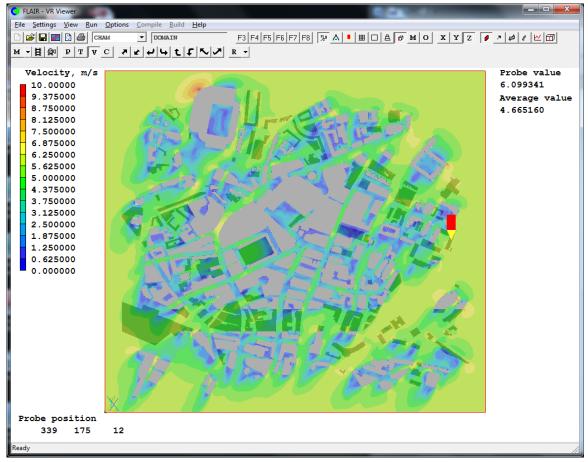
Probe 3: Exit 2



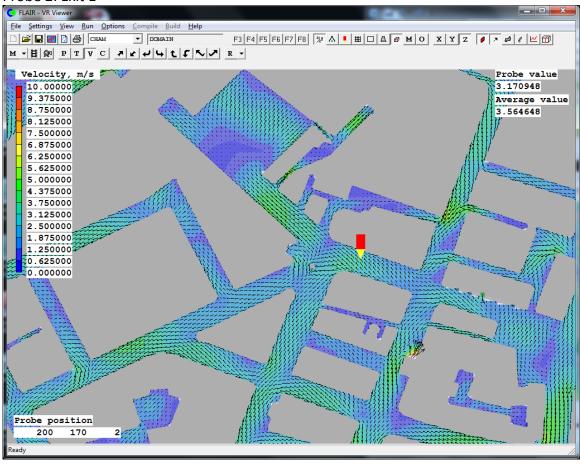
Probe 4: Exit 3



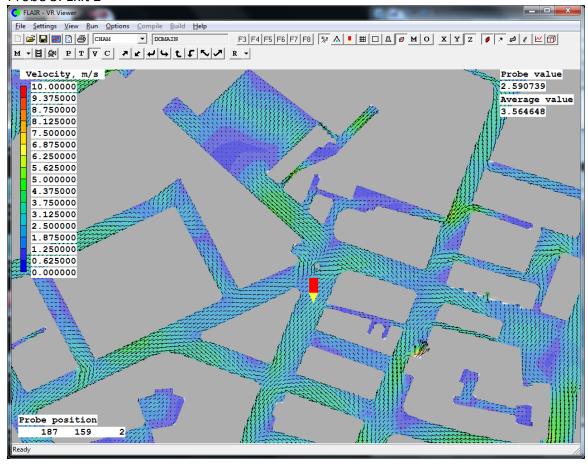
Wind speed input (m/s): 6 Probe 1: Weather station



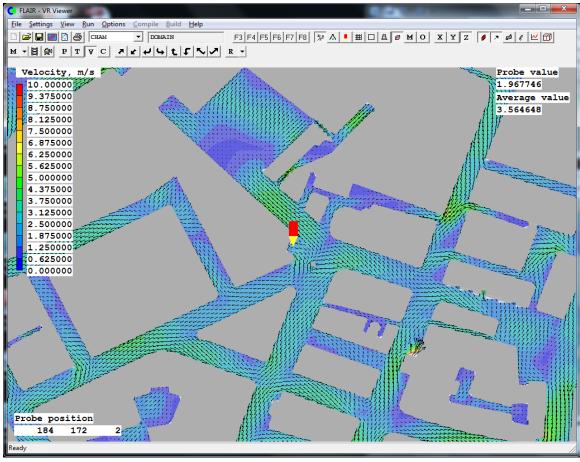
Probe 2: Exit 1

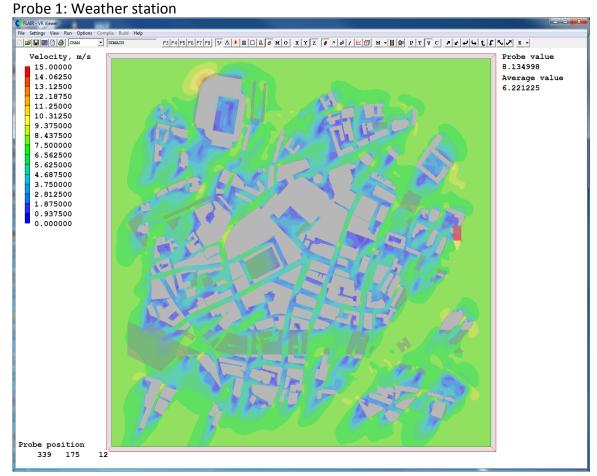


Probe 3: Exit 2

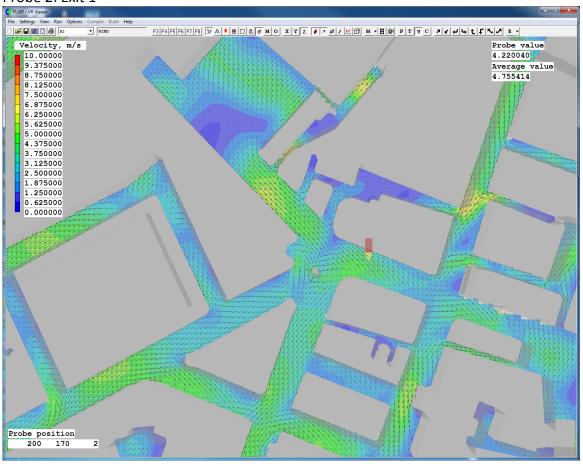


Probe 4: Exit 3

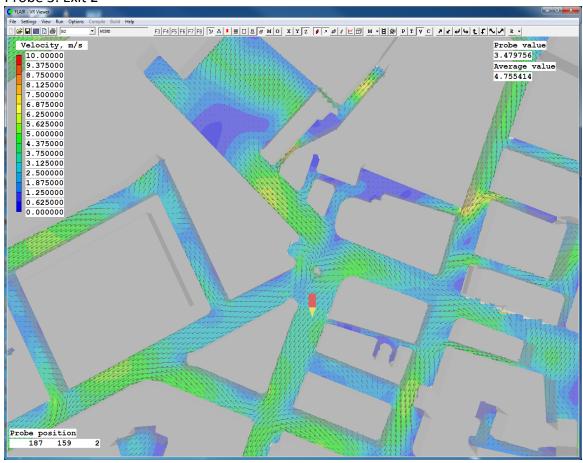




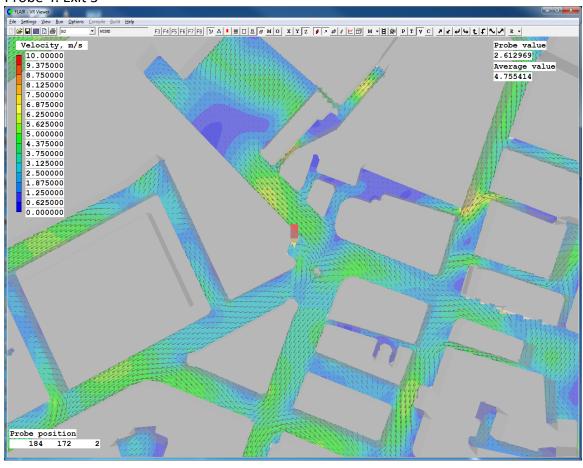




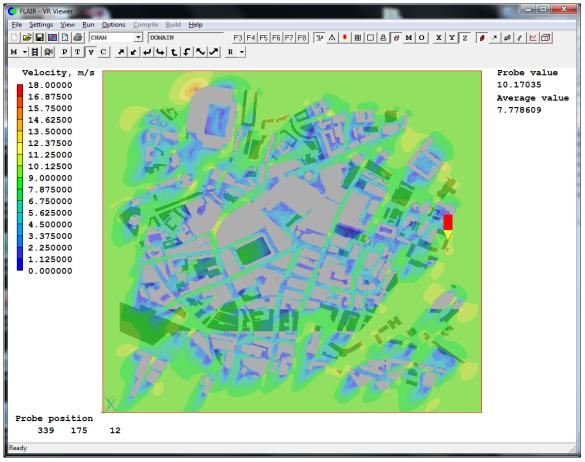
Probe 3: Exit 2



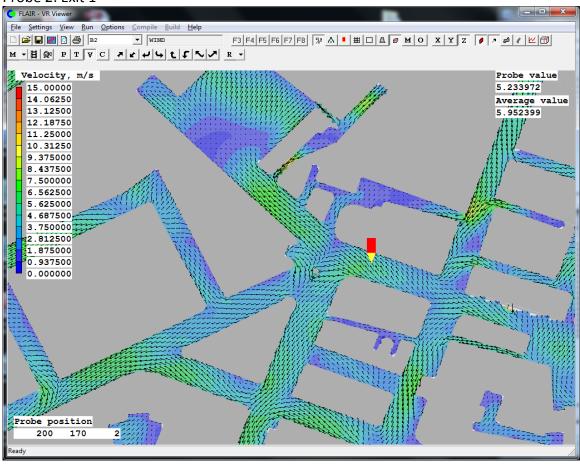
Probe 4: Exit 3



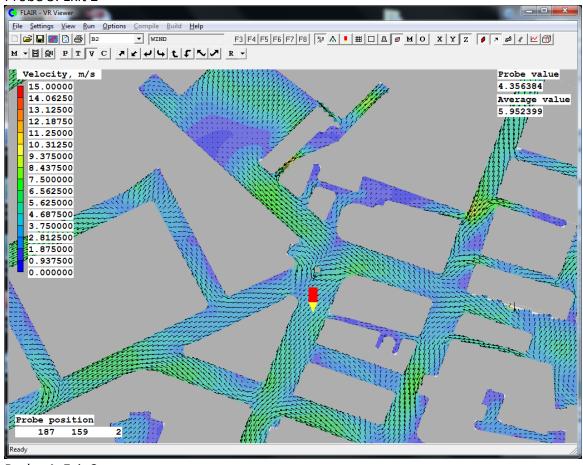
Wind speed input (m/s): 10 Probe 1: Weather station



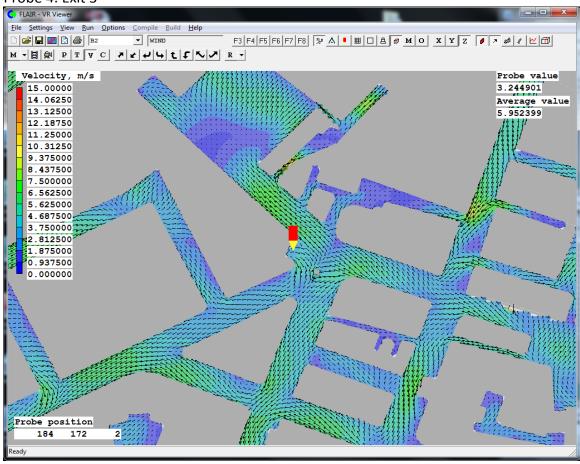
Probe 2: Exit 1



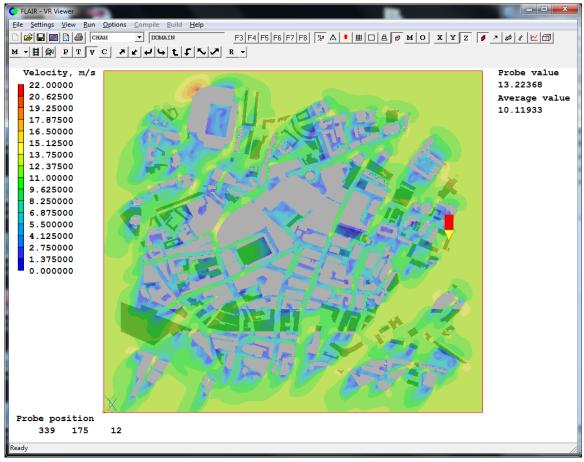
Probe 3: Exit 2



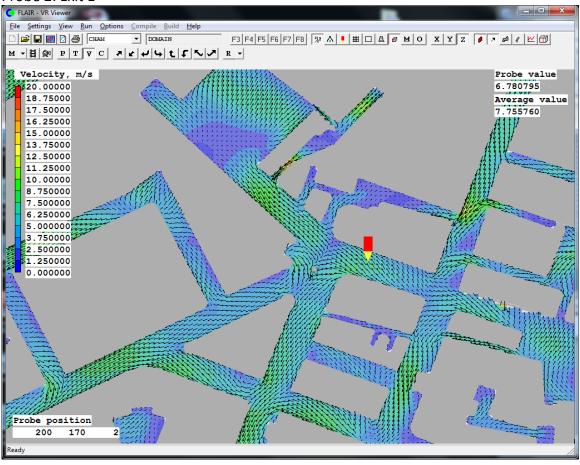
Probe 4: Exit 3



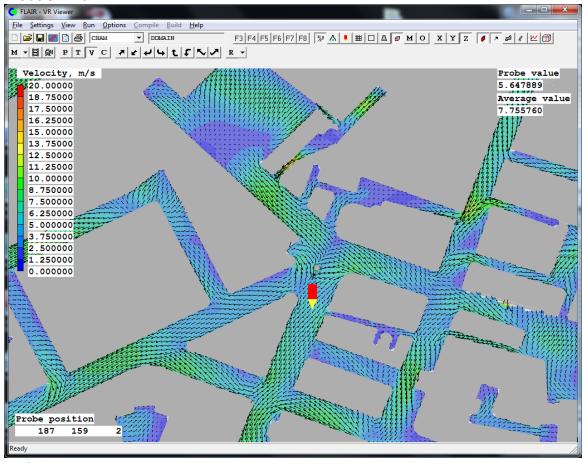
Wind speed input (m/s): 13 Probe 1: Weather station



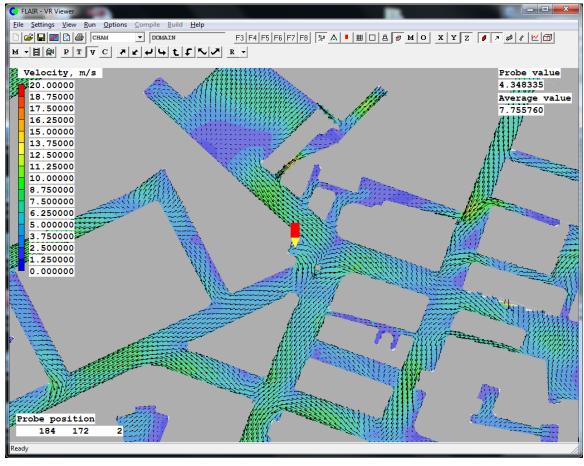
Probe 2: Exit 1



Probe 3: Exit 2

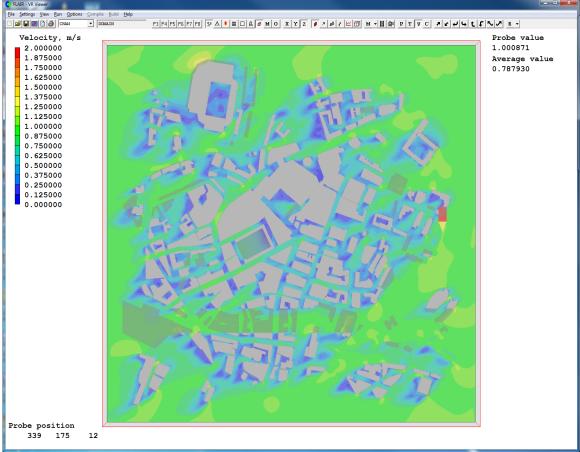


Probe 4: Exit 3

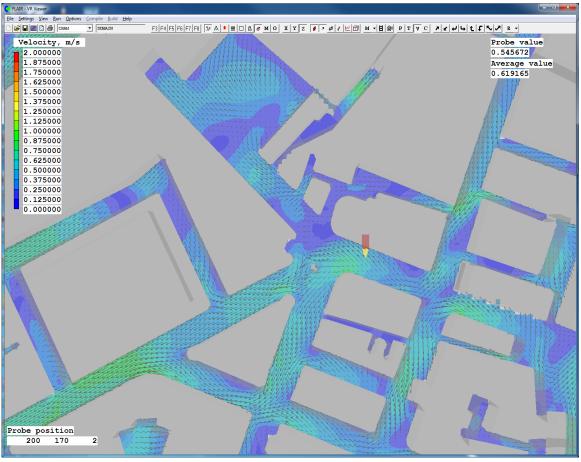


Abbreviation of wind direction: NNE; Wind direction (degree): 22.5; Phoenics input direction

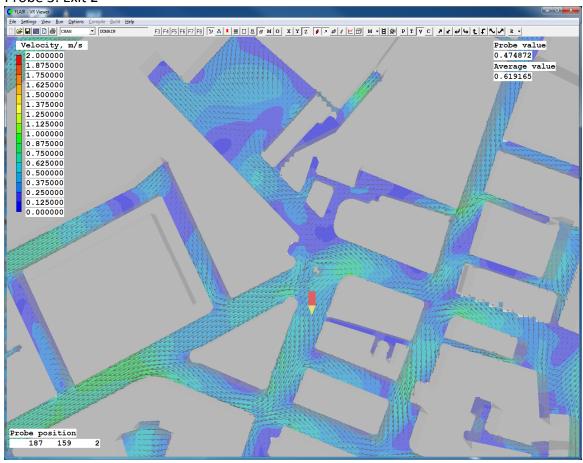
(degree): 62.5. Wind speed input (m/s): 1 Probe 1: Weather station CHAM



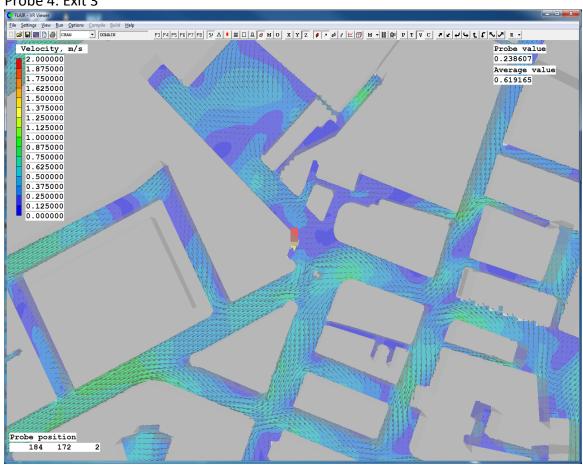
Probe 2: Exit 1



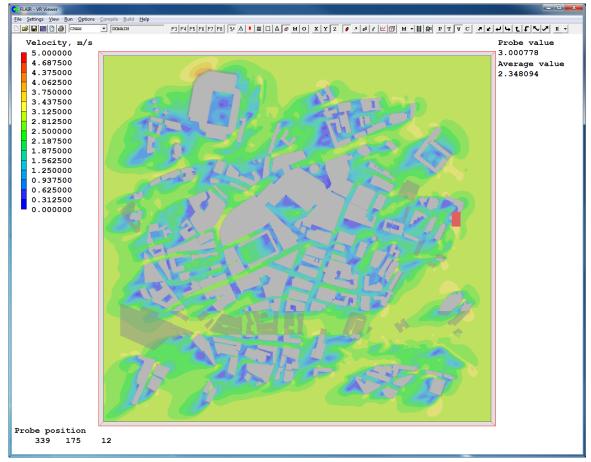
Probe 3: Exit 2



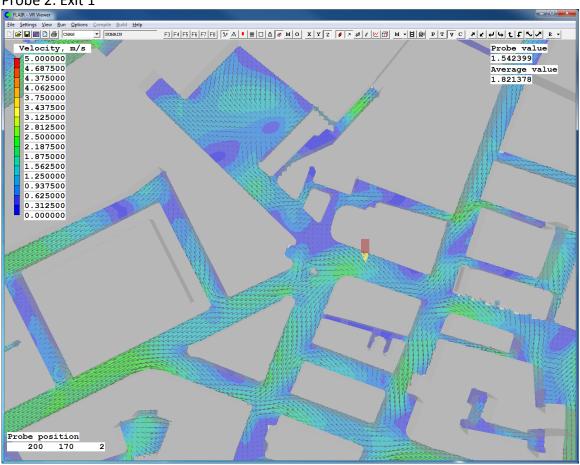
Probe 4: Exit 3



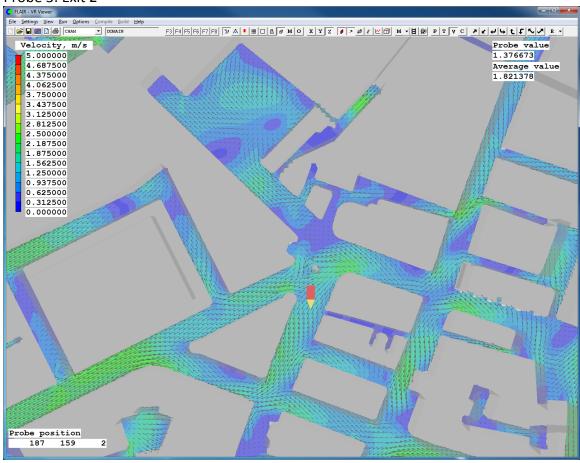
Probe 1: Weather station



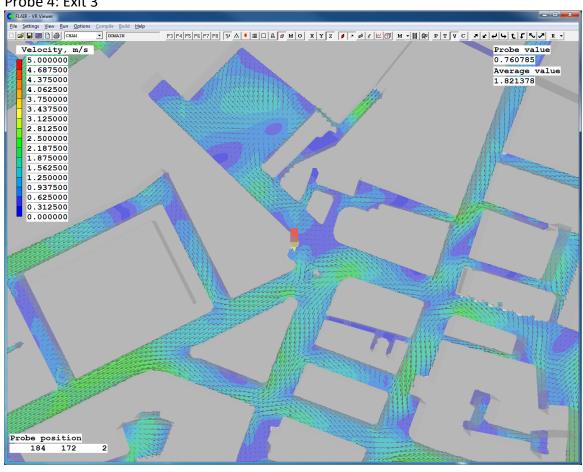
Probe 2: Exit 1

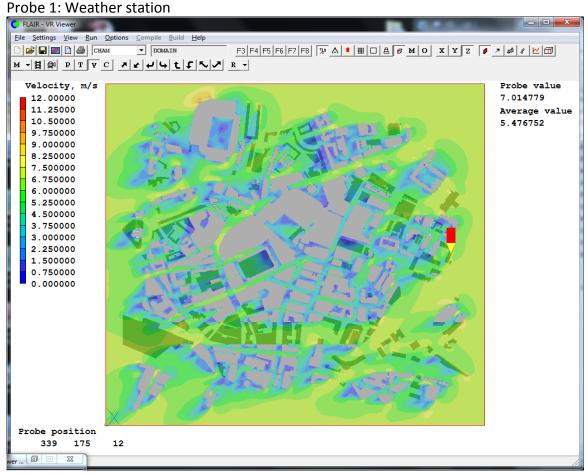


Probe 3: Exit 2

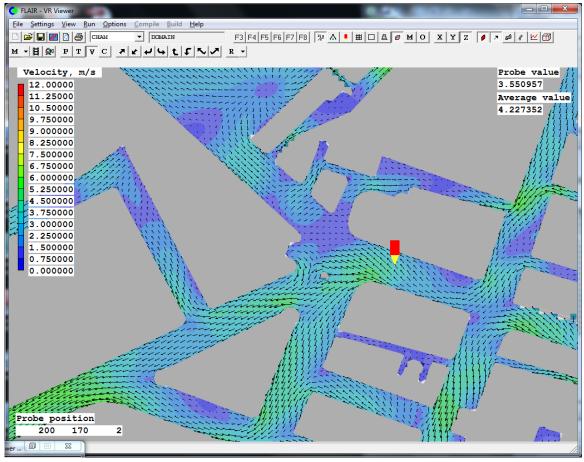


Probe 4: Exit 3

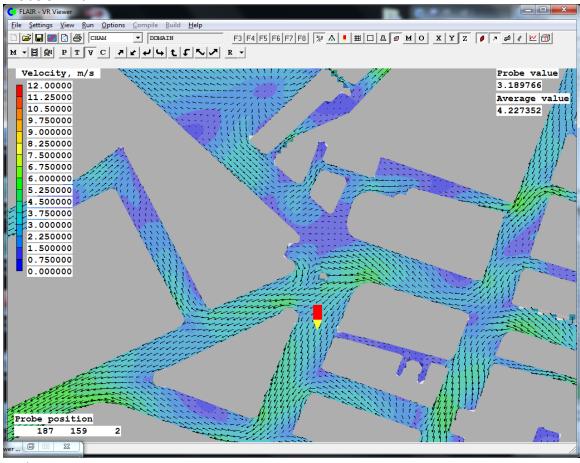




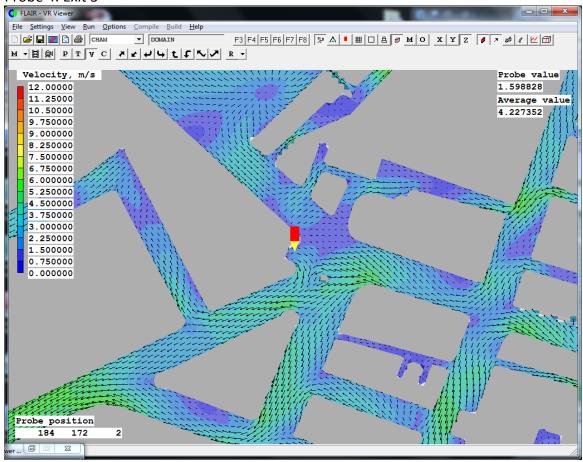
Probe 2: Exit 1



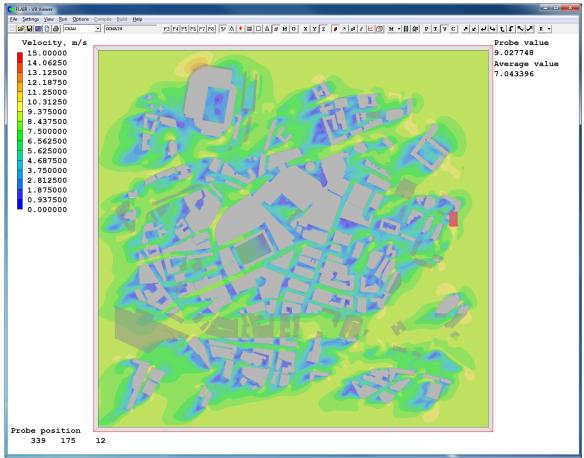
Probe 3: Exit 2



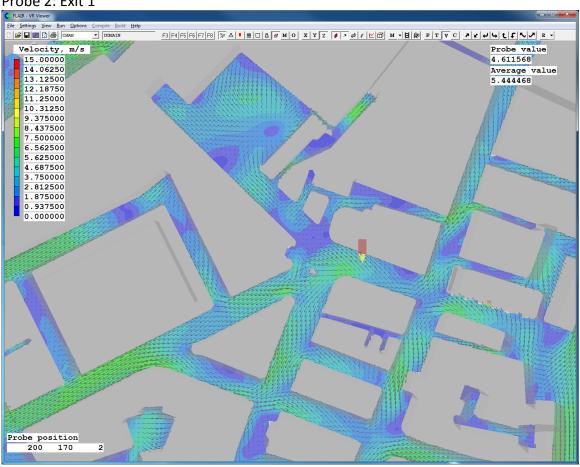
Probe 4: Exit 3



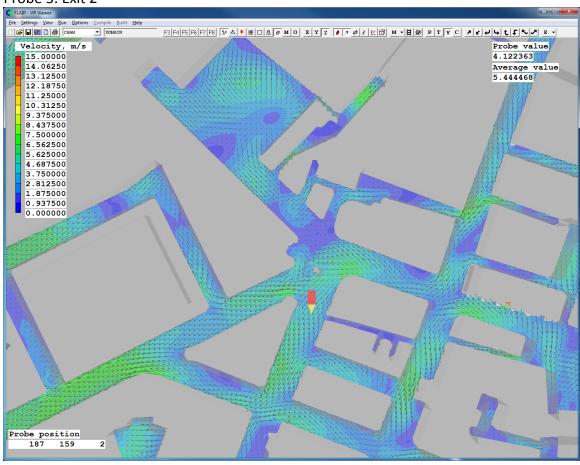
Probe 1: Weather station



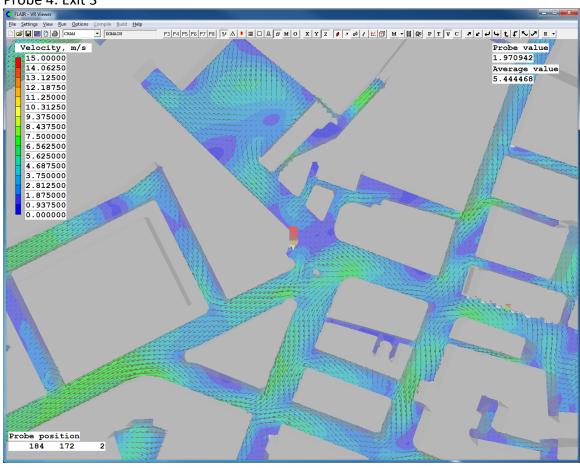
Probe 2: Exit 1



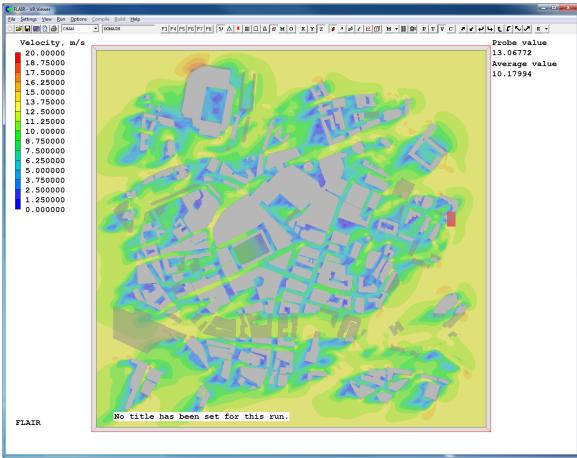
Probe 3: Exit 2



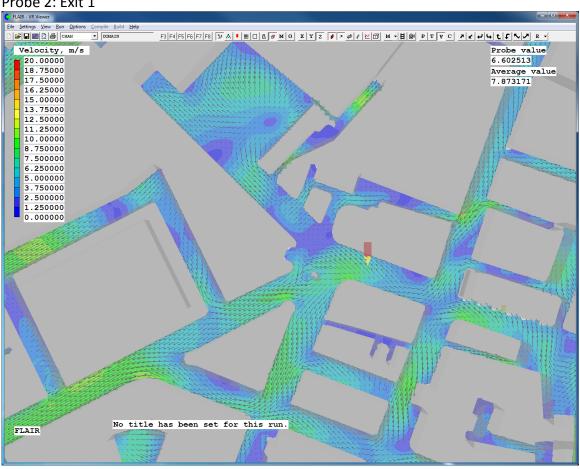
Probe 4: Exit 3



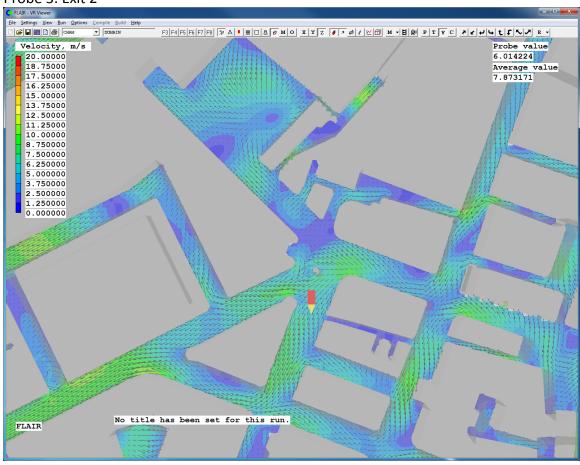
Wind speed input (m/s): 13 Probe 1: Weather station



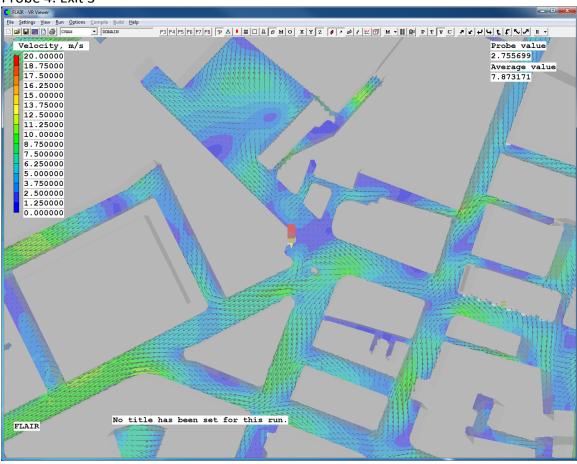
Probe 2: Exit 1



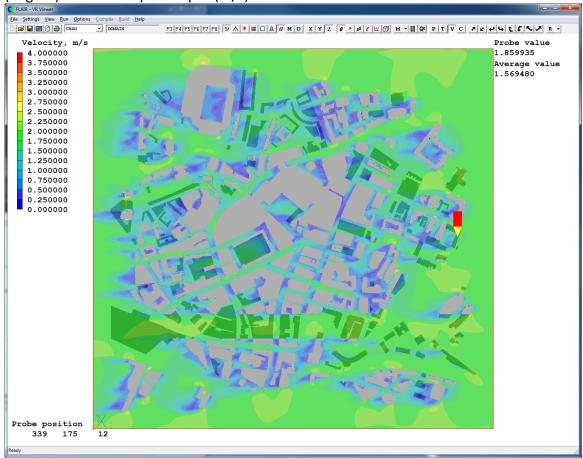
Probe 3: Exit 2



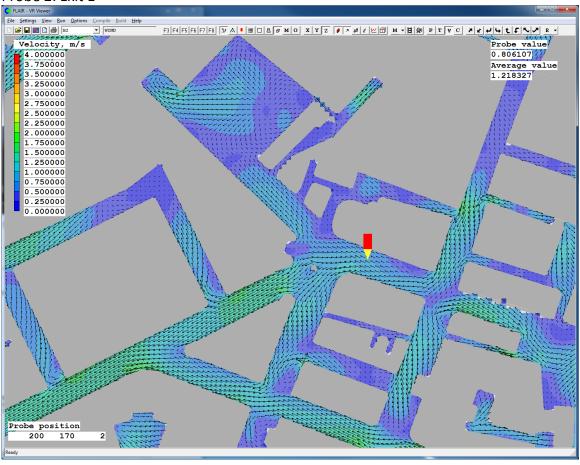
Probe 4: Exit 3



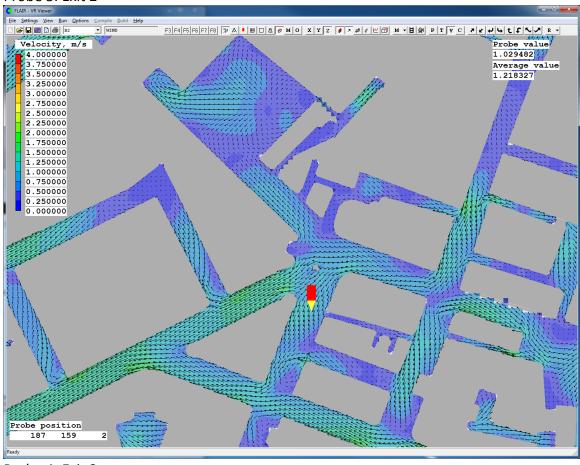
Abbreviation of wind direction: NE; Wind direction (degree): 45; Phoenics input direction (degree): 85. Wind speed input (m/s): 2 Probe 1: Weather station



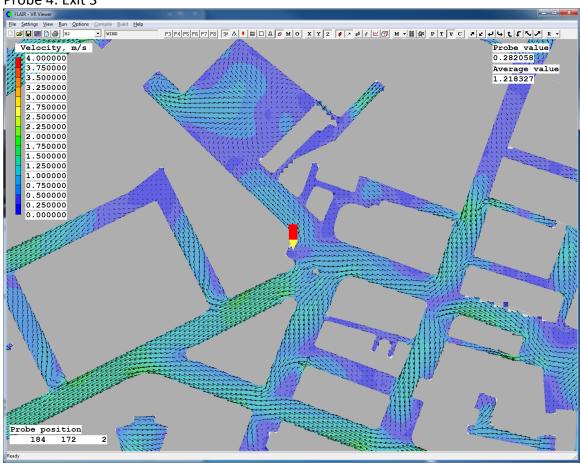
Probe 2: Exit 1



Probe 3: Exit 2



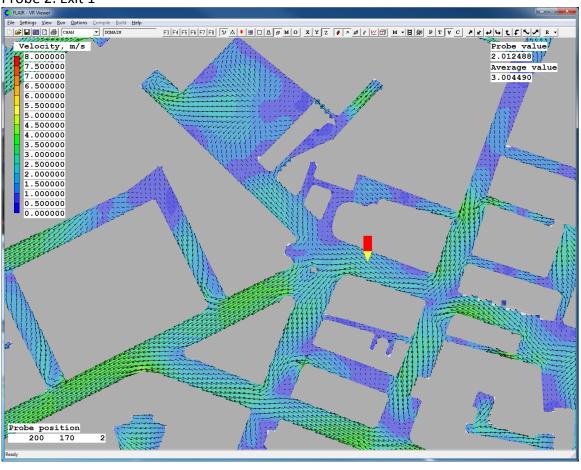
Probe 4: Exit 3



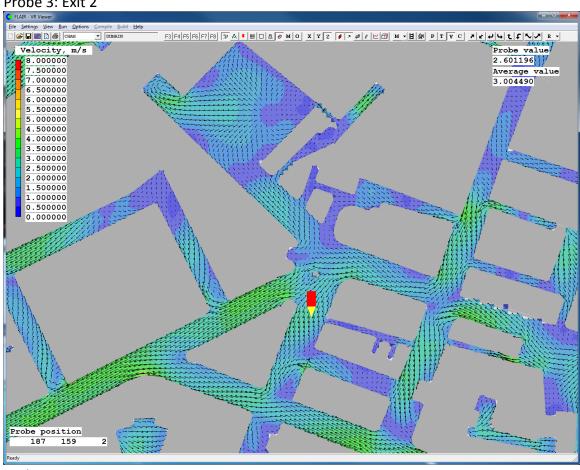


Probe 2: Exit 1

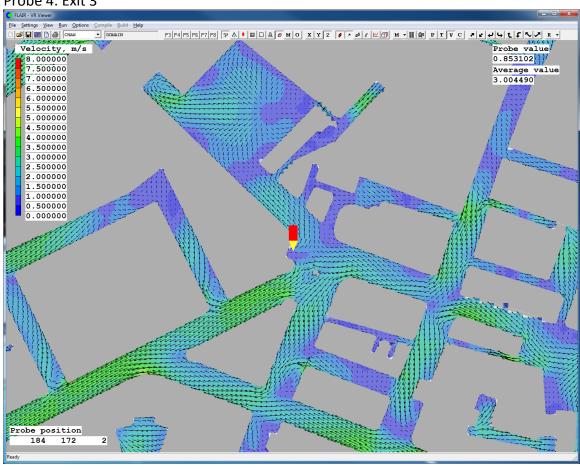
Probe position 339 175

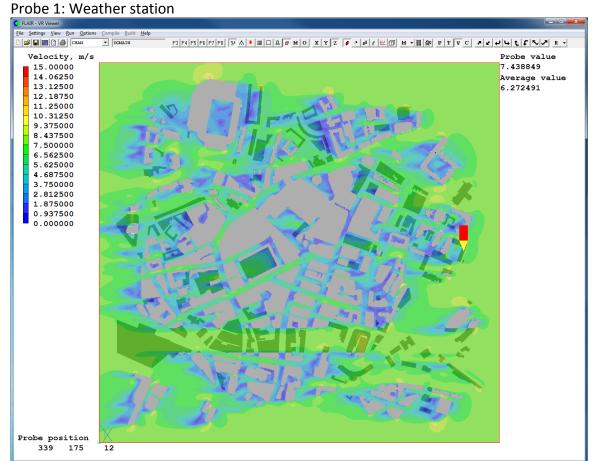


Probe 3: Exit 2

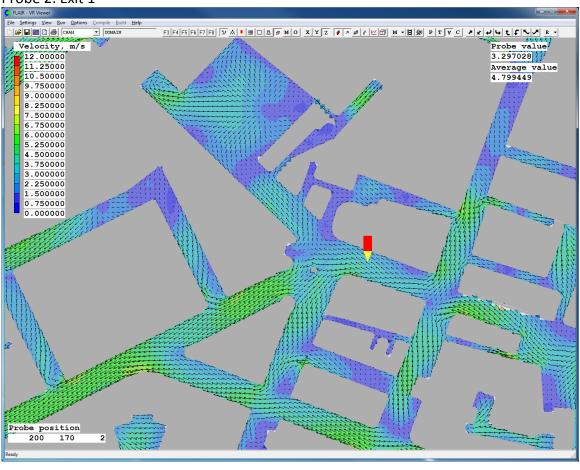


Probe 4: Exit 3

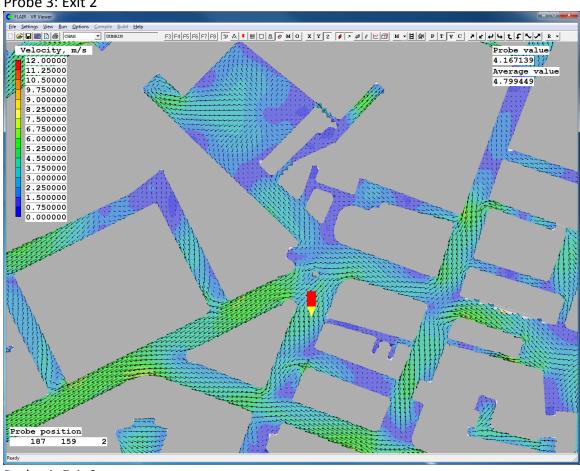




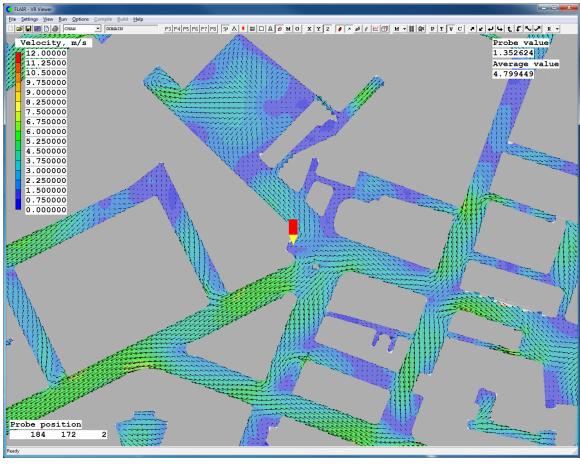
Probe 2: Exit 1



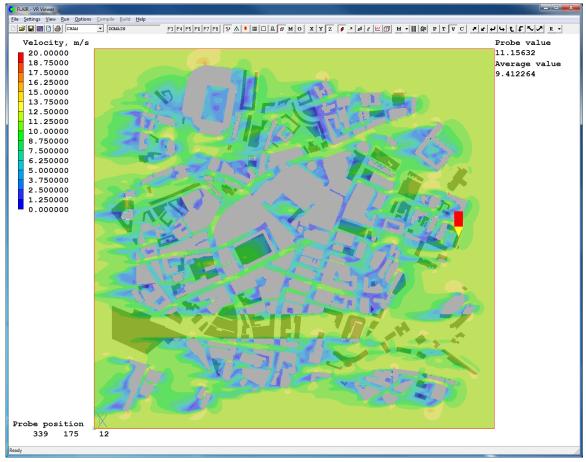
Probe 3: Exit 2



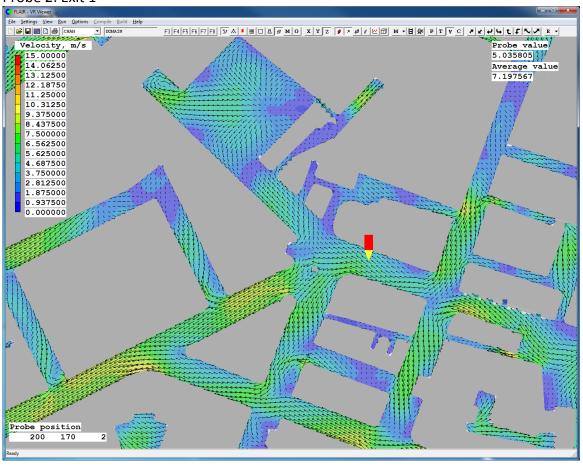
Probe 4: Exit 3



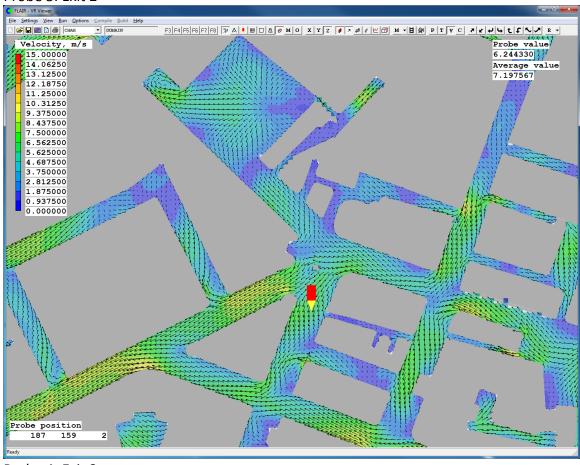
Wind speed input (m/s): 12 Probe 1: Weather station



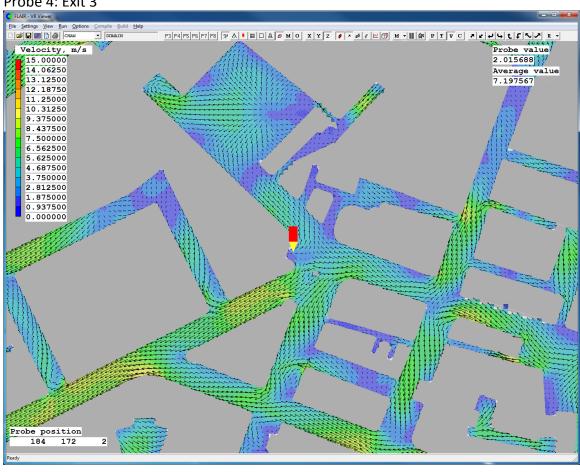
Probe 2: Exit 1



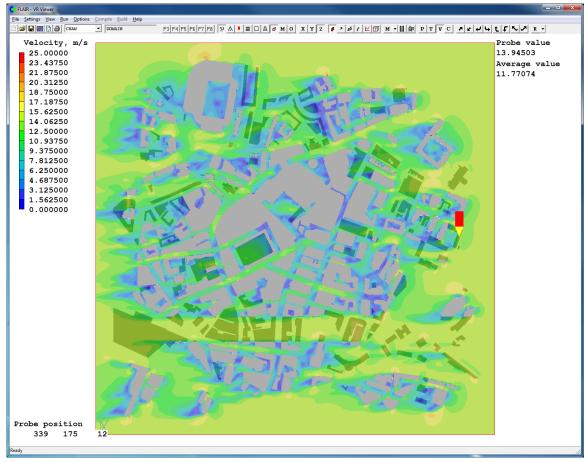
Probe 3: Exit 2



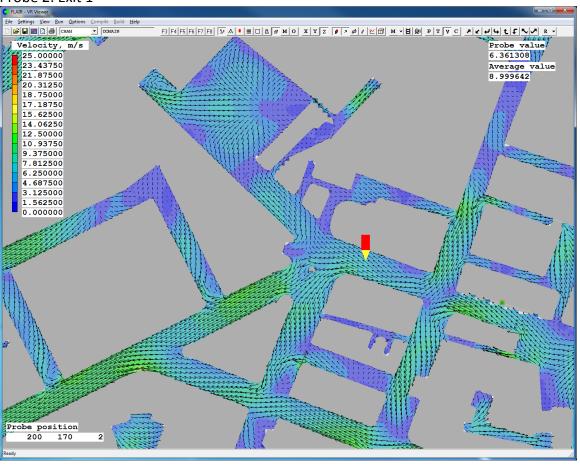
Probe 4: Exit 3



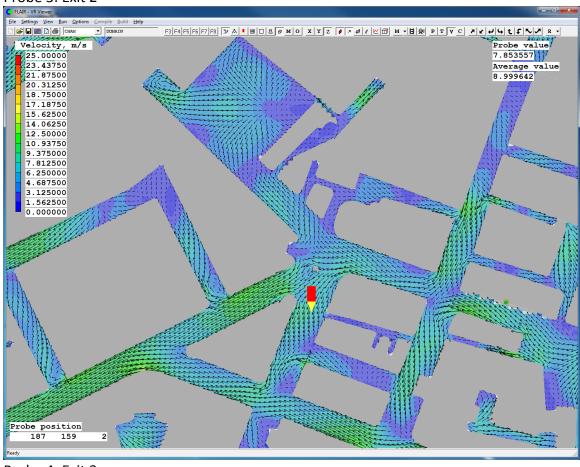
Wind speed input (m/s): 15 Probe 1: Weather station



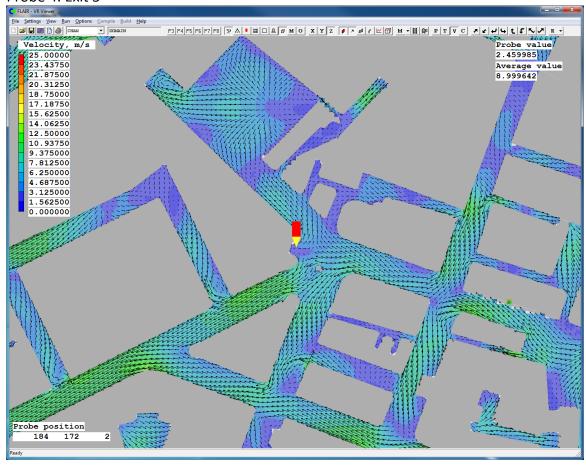
Probe 2: Exit 1



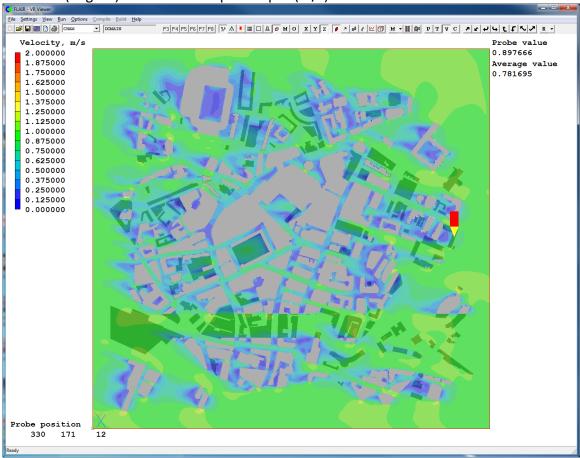
Probe 3: Exit 2



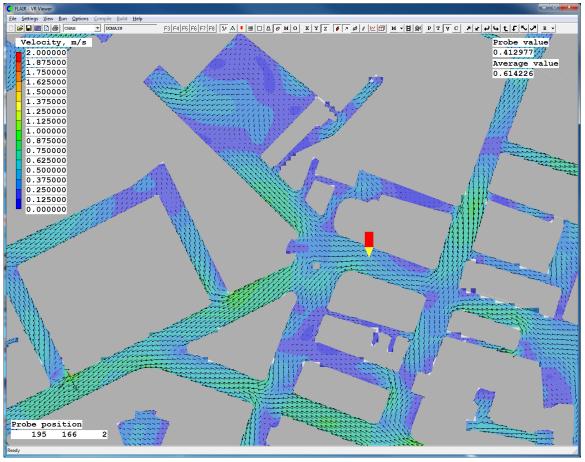
Probe 4: Exit 3



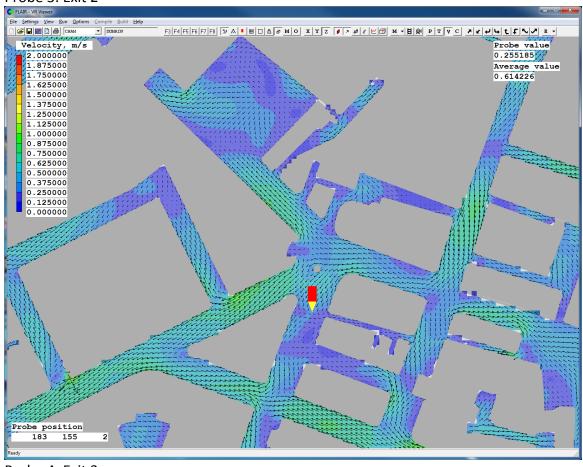
Abbreviation of wind direction: ENE; Wind direction (degree): 67.5; Phoenics input direction (degree): 107.5. Wind speed input (m/s): 1. Probe 1: Weather station



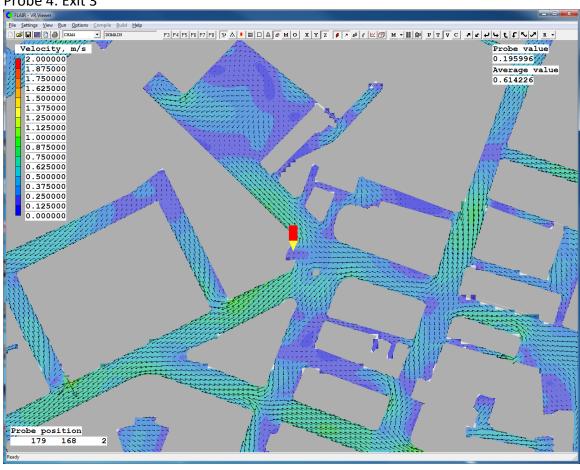
Probe 2: Exit 1



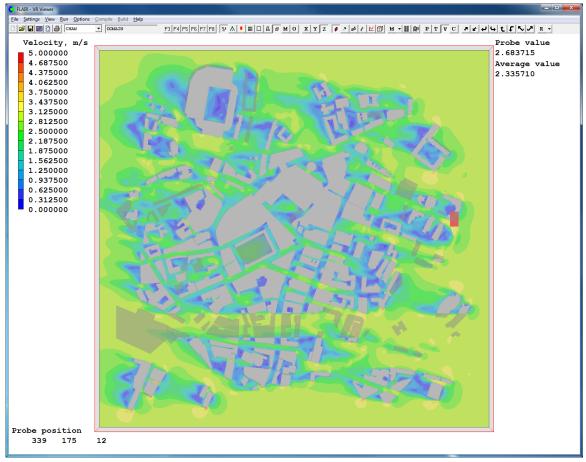
Probe 3: Exit 2



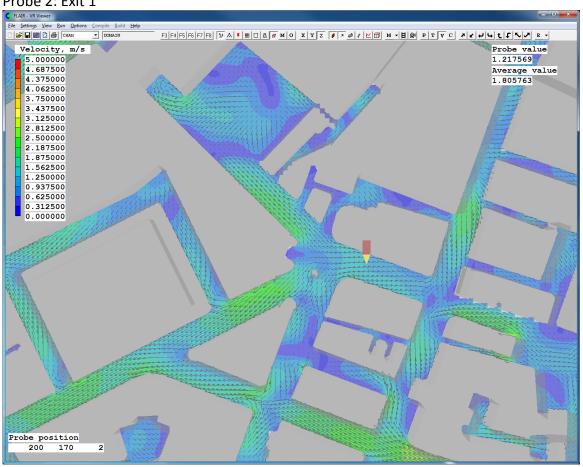
Probe 4: Exit 3



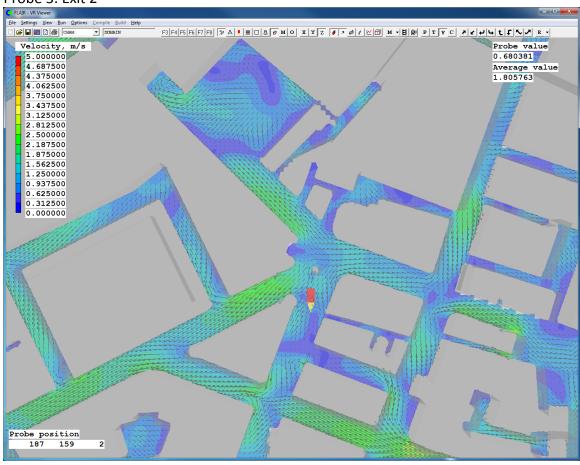
Probe 1: Weather station



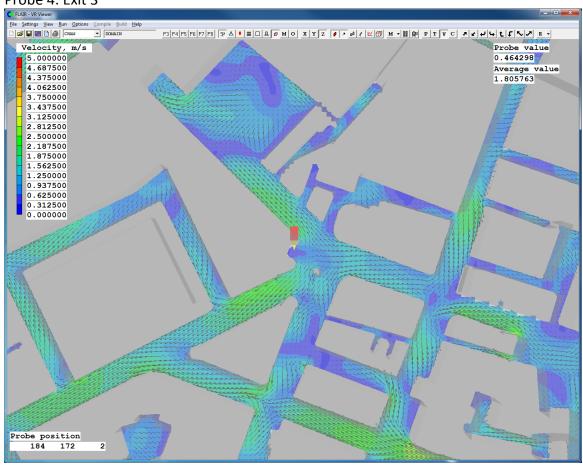
Probe 2: Exit 1



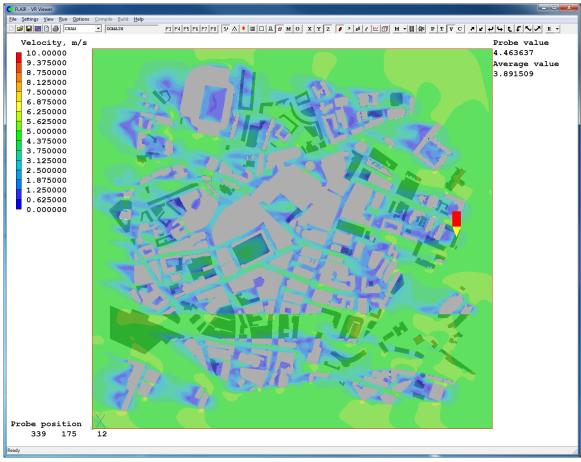
Probe 3: Exit 2



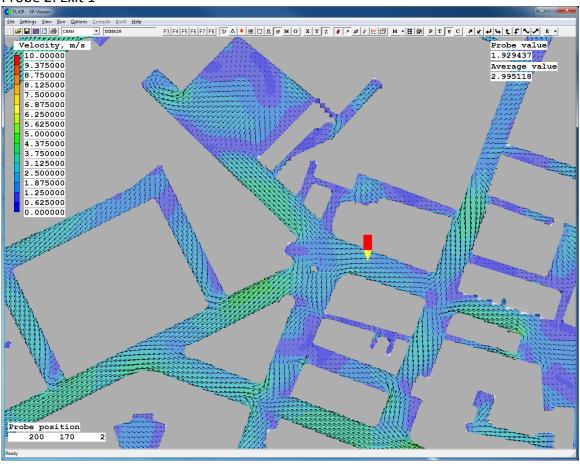
Probe 4: Exit 3



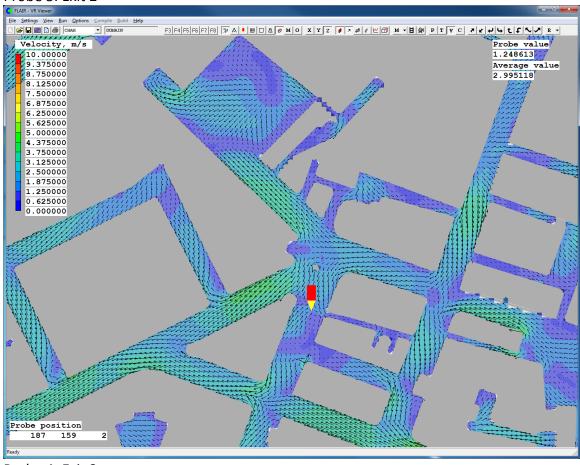
Wind speed input (m/s): 5 Probe 1: Weather station



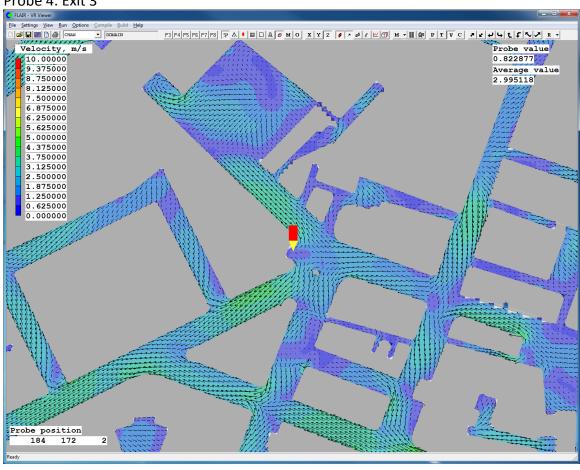
Probe 2: Exit 1

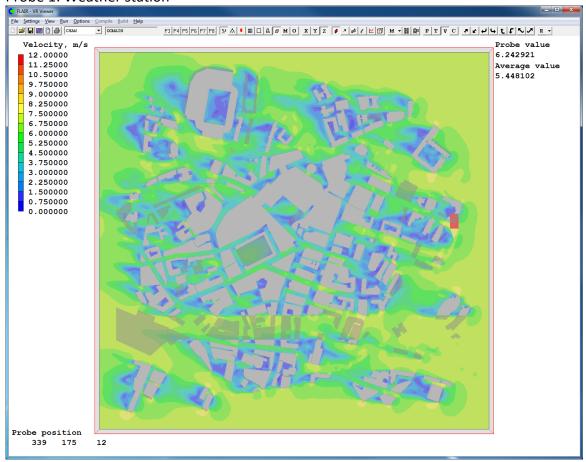


Probe 3: Exit 2

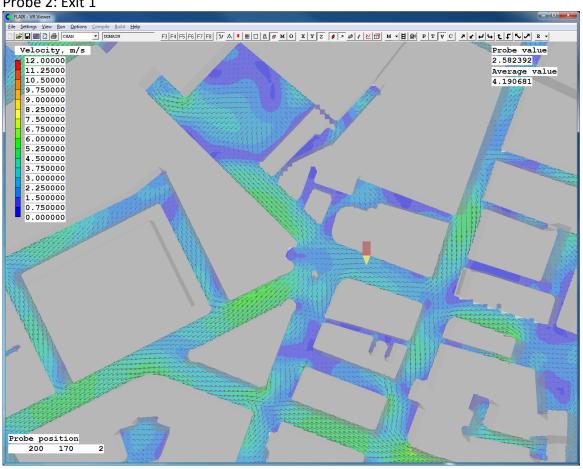


Probe 4: Exit 3

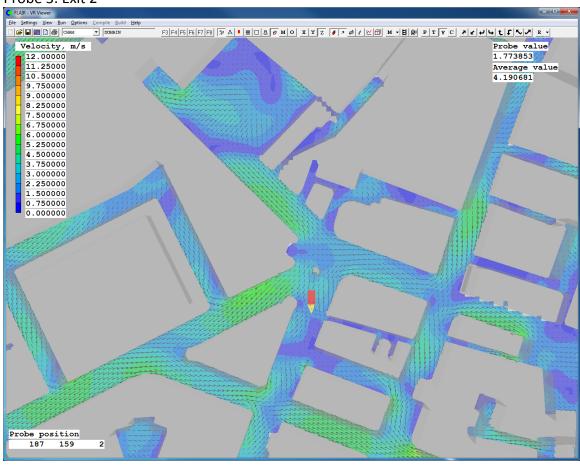




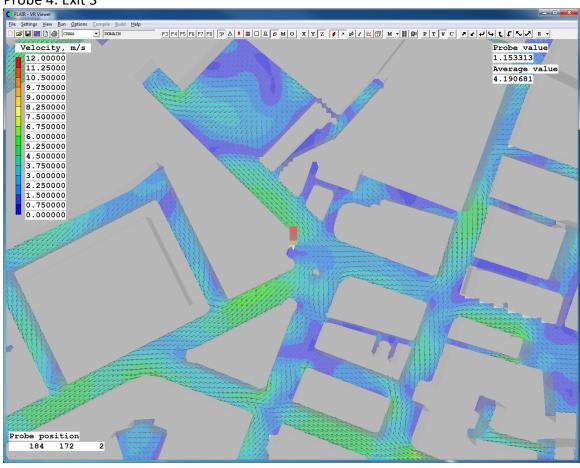
Probe 2: Exit 1

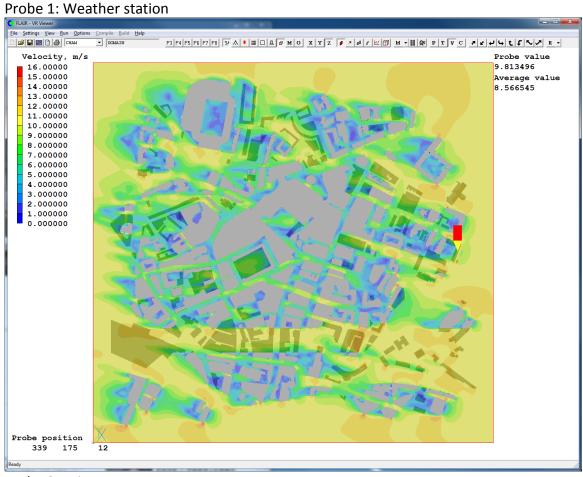


Probe 3: Exit 2

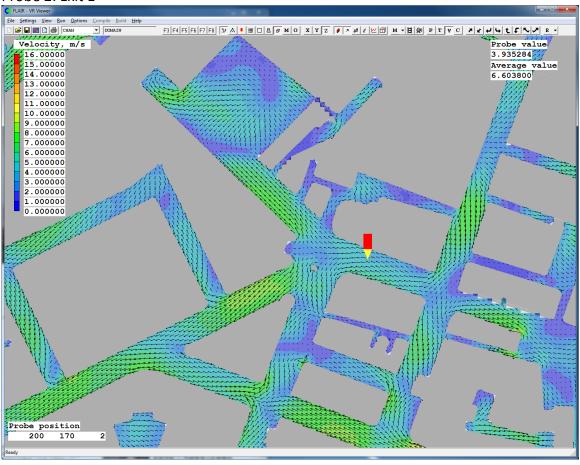


Probe 4: Exit 3

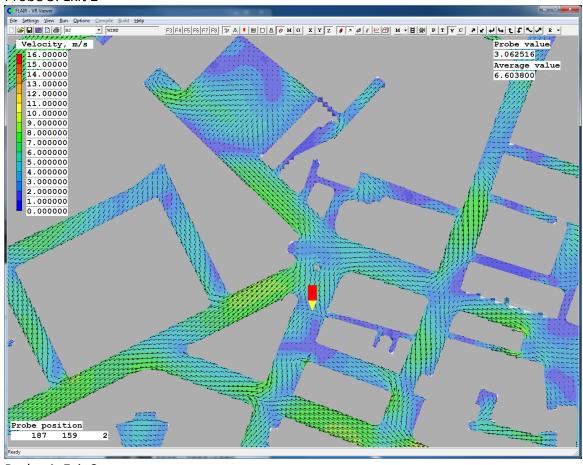




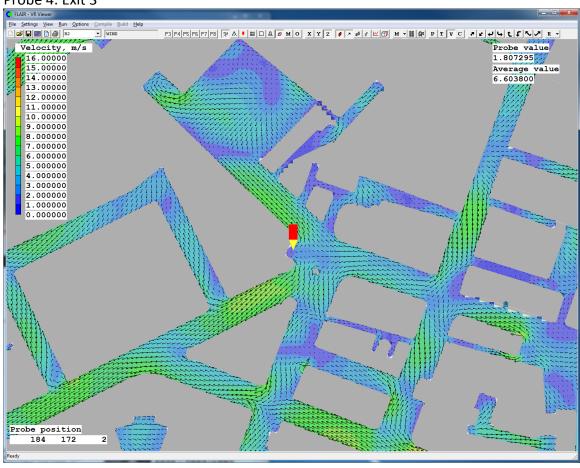
Probe 2: Exit 1



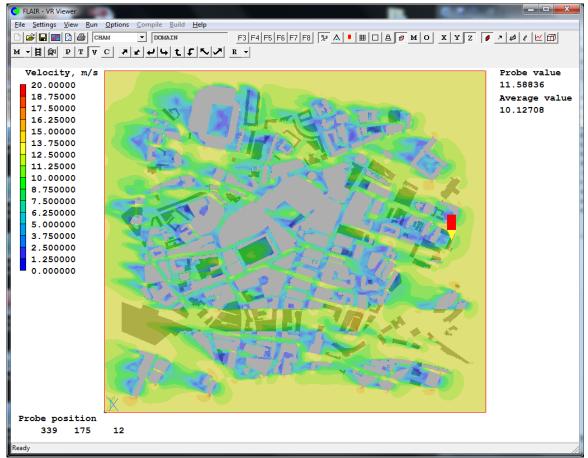
Probe 3: Exit 2



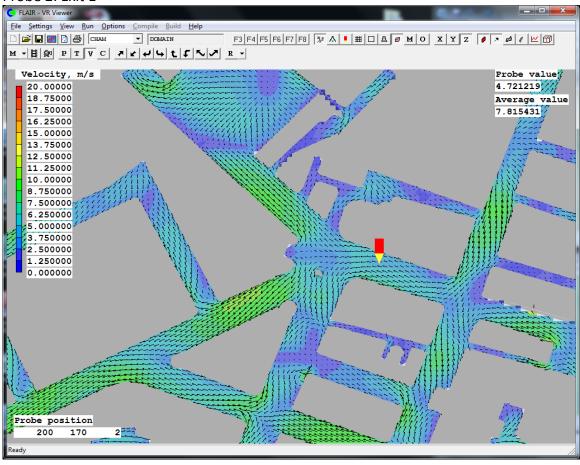
Probe 4: Exit 3



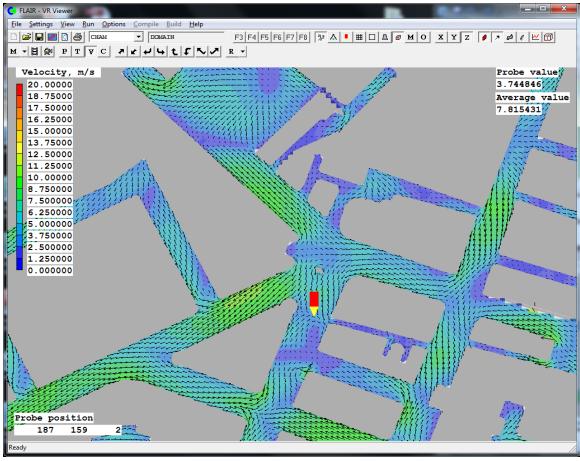
Probe 1: Weather station



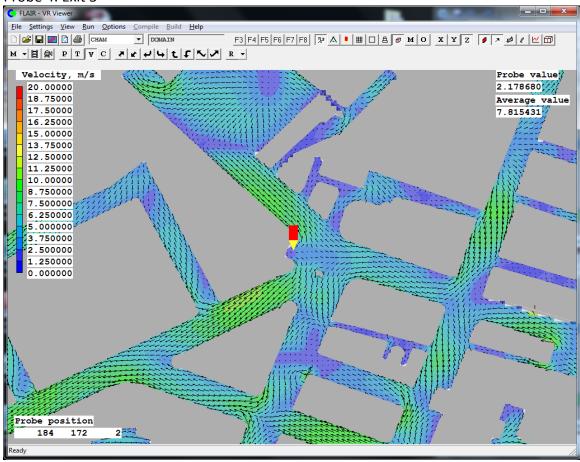
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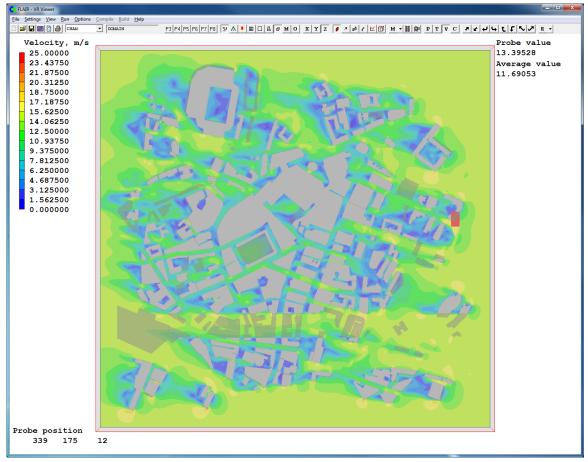


Probe 3: Exit 2

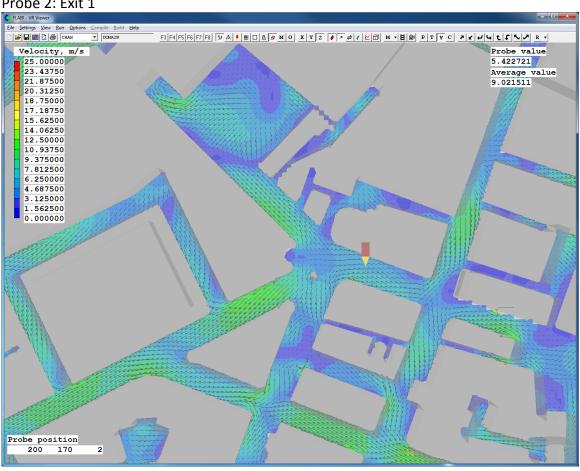


Probe 4: Exit 3

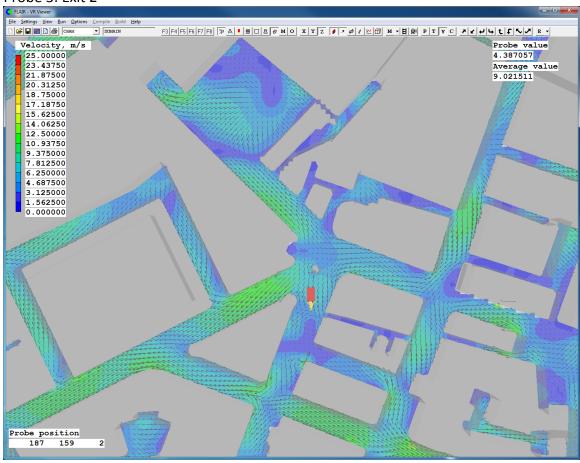




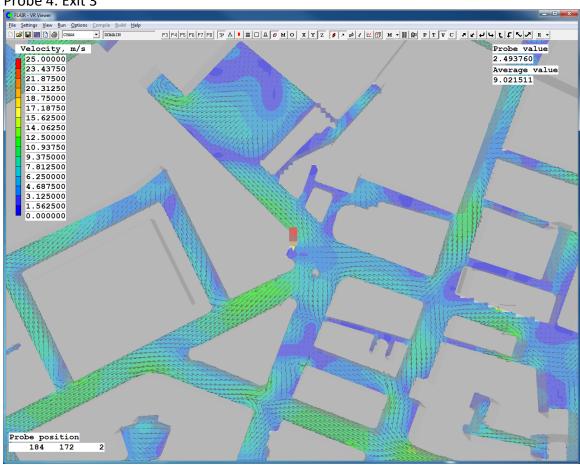
Probe 2: Exit 1



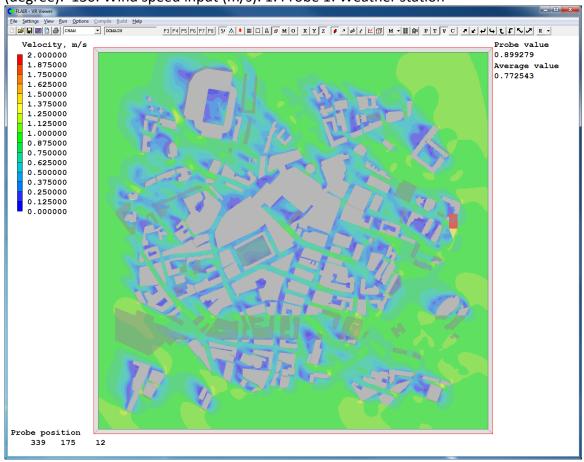
Probe 3: Exit 2



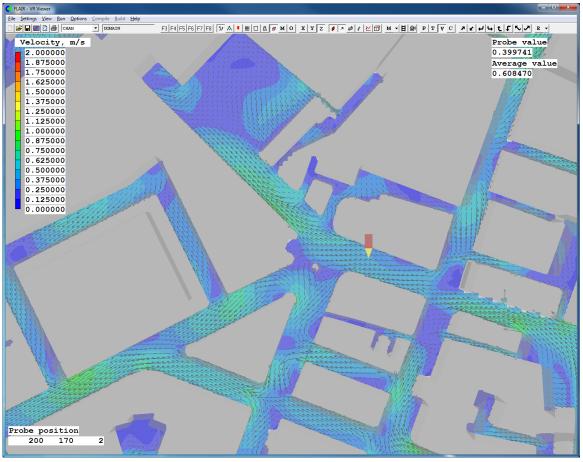
Probe 4: Exit 3



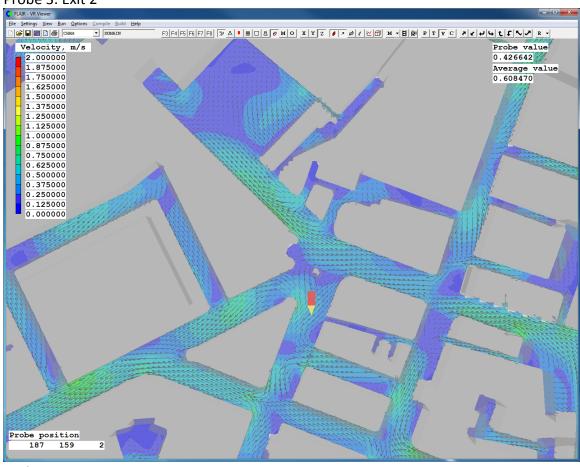
Abbreviation of wind direction: E; Wind direction (degree): 90 Phoenics input direction (degree): 130. Wind speed input (m/s): 1. Probe 1: Weather station



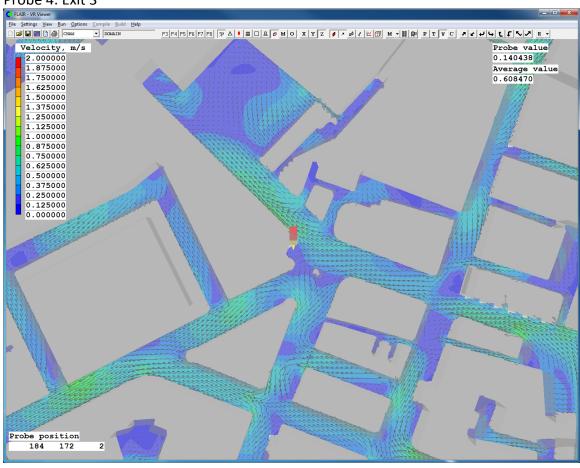
Probe 2: Exit 1



Probe 3: Exit 2

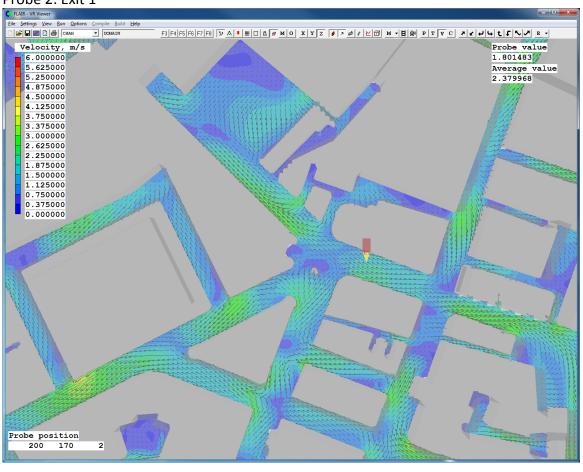


Probe 4: Exit 3

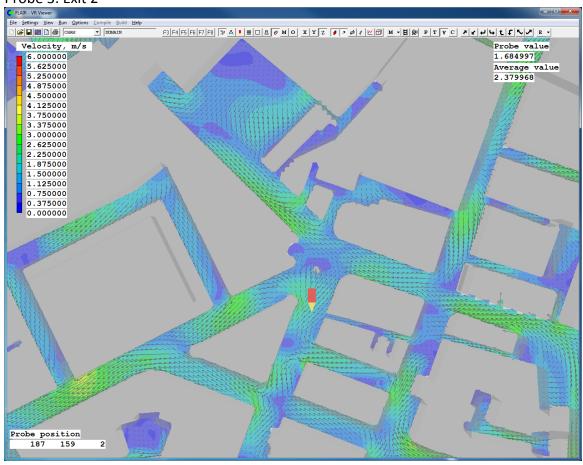




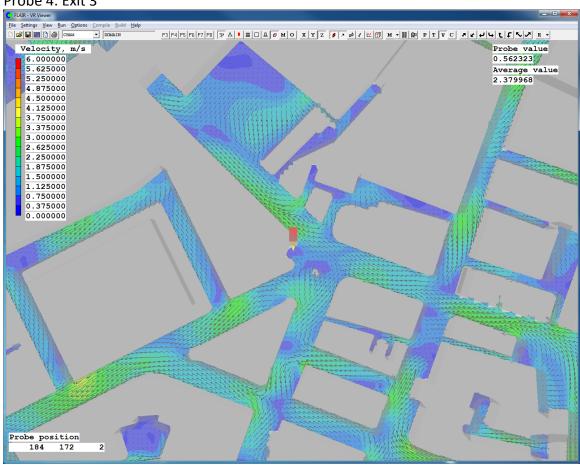
Probe 2: Exit 1

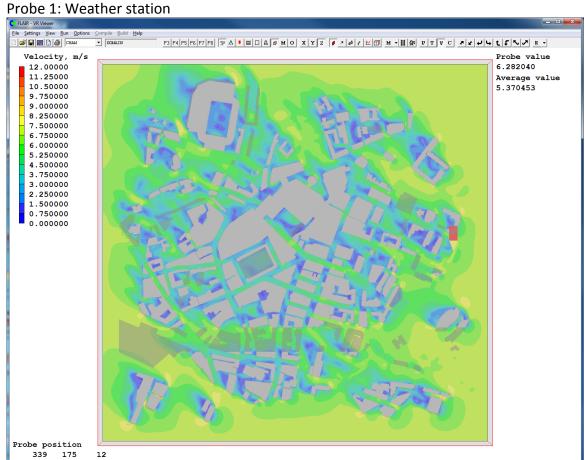


Probe 3: Exit 2

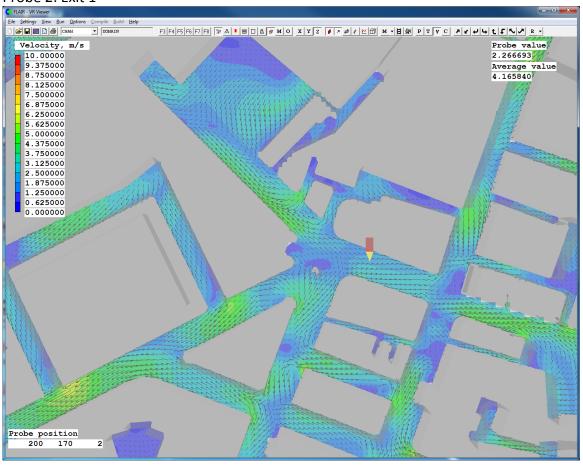


Probe 4: Exit 3

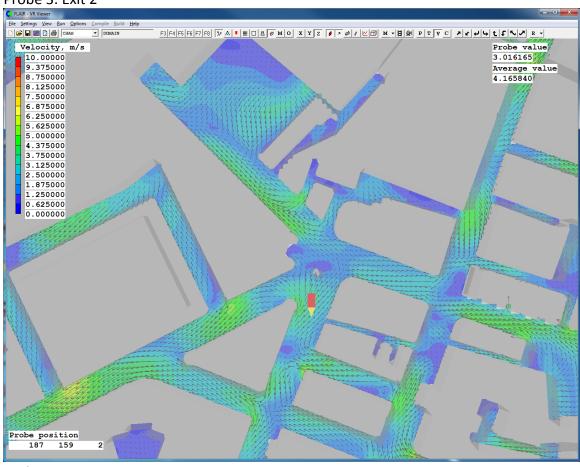




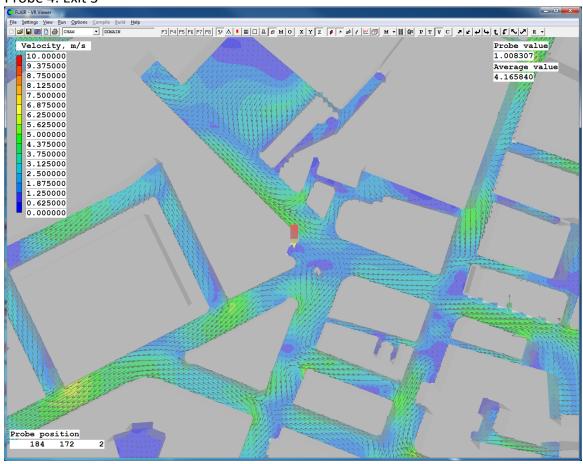




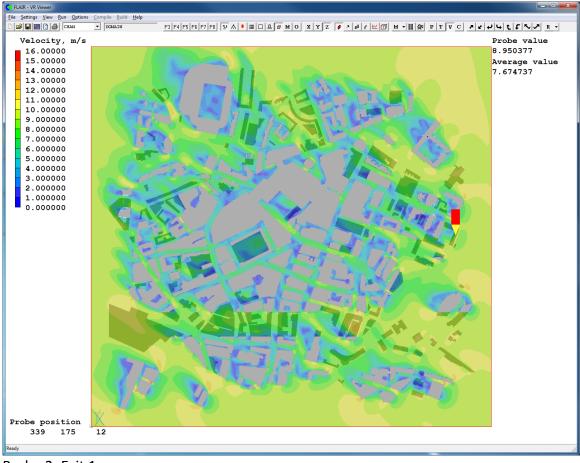
Probe 3: Exit 2



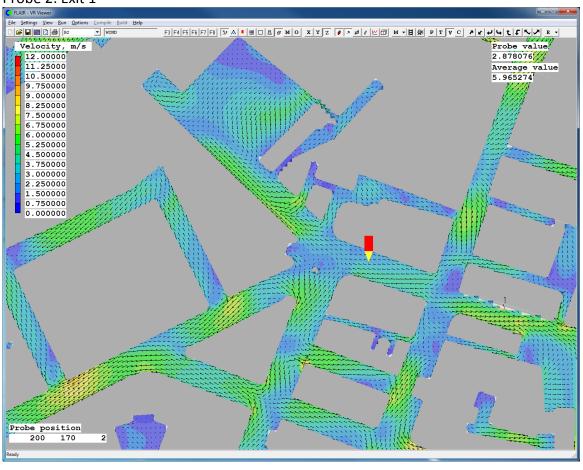
Probe 4: Exit 3



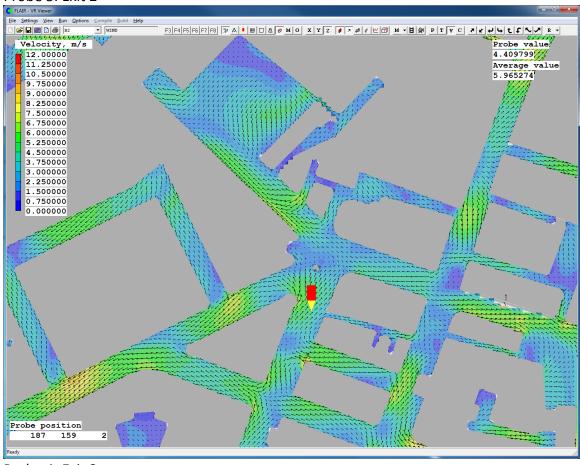
Wind speed input (m/s): 10 Probe 1: Weather station



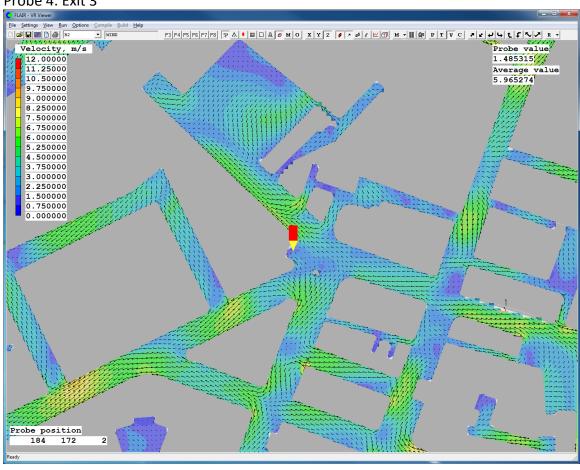
Probe 2: Exit 1

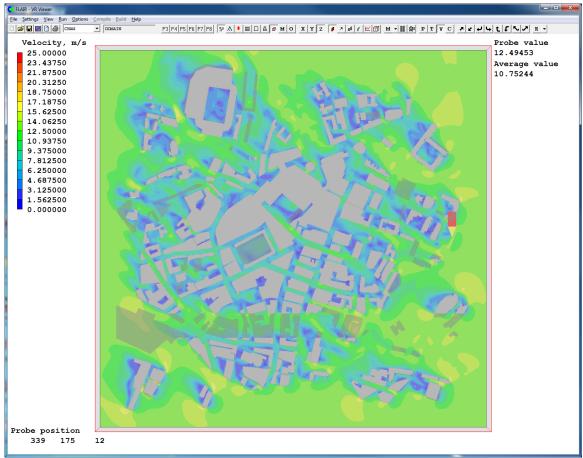


Probe 3: Exit 2

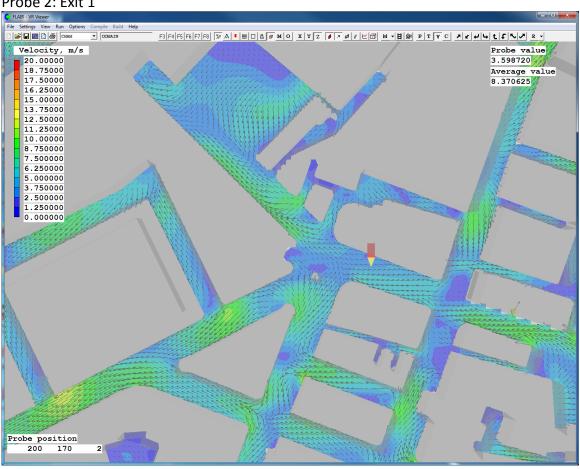


Probe 4: Exit 3

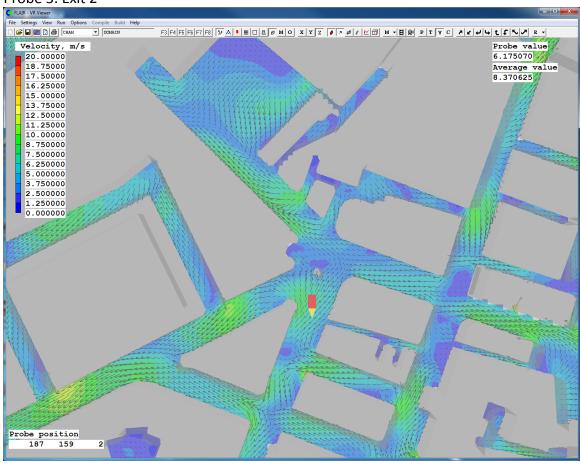




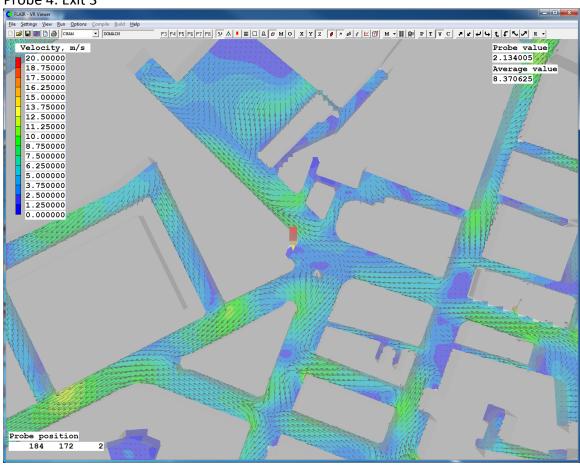
Probe 2: Exit 1



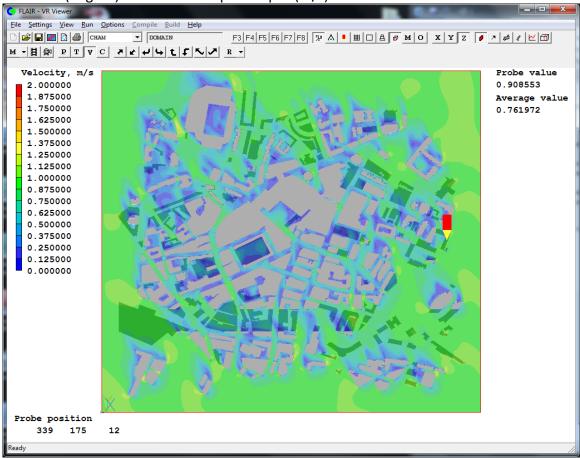
Probe 3: Exit 2



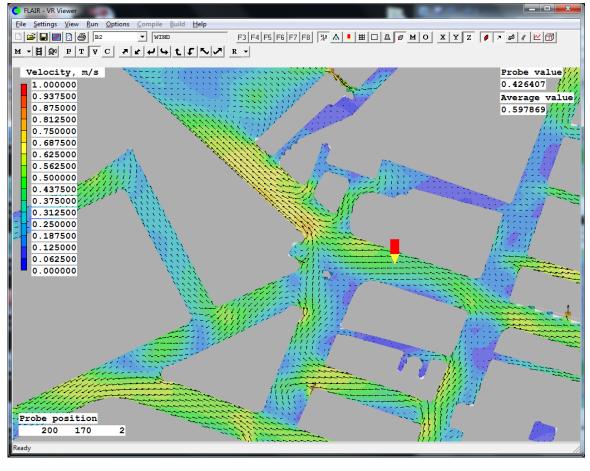
Probe 4: Exit 3



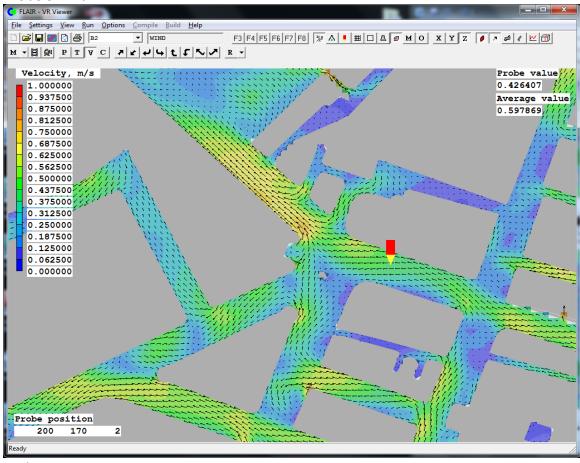
Abbreviation of wind direction: ESE; Wind direction (degree): 112.5; Phoenics input direction (degree): 152.5. Wind speed input (m/s): 1. Probe 1: Weather station



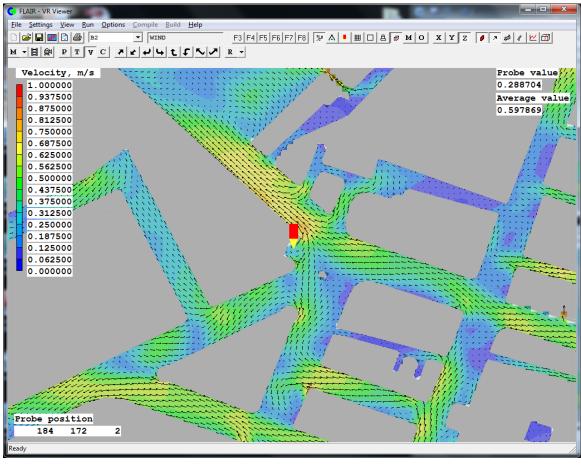
Probe 2: Exit 1

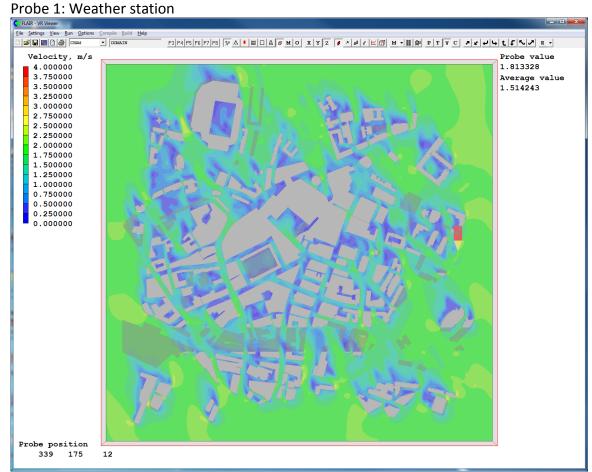


Probe 3: Exit 2

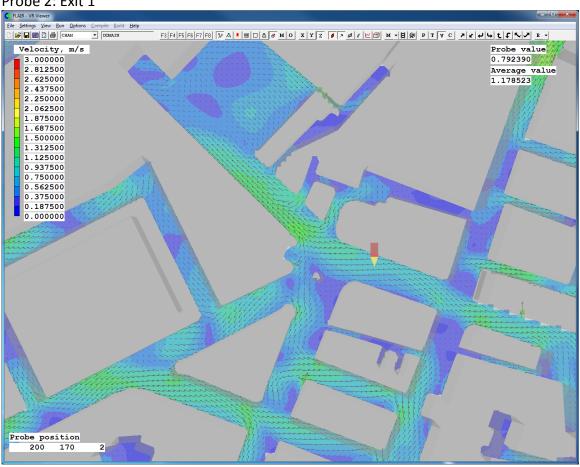


Probe 4: Exit 3

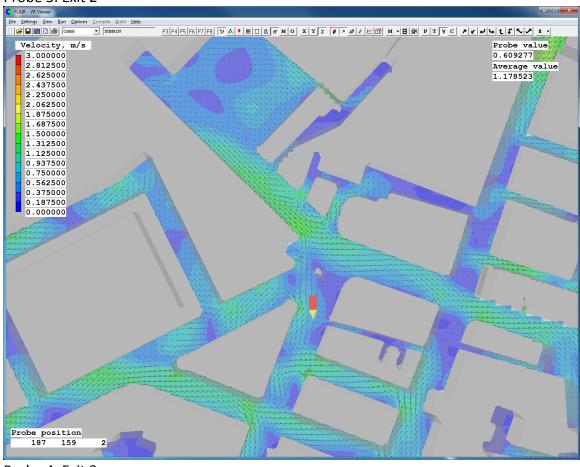




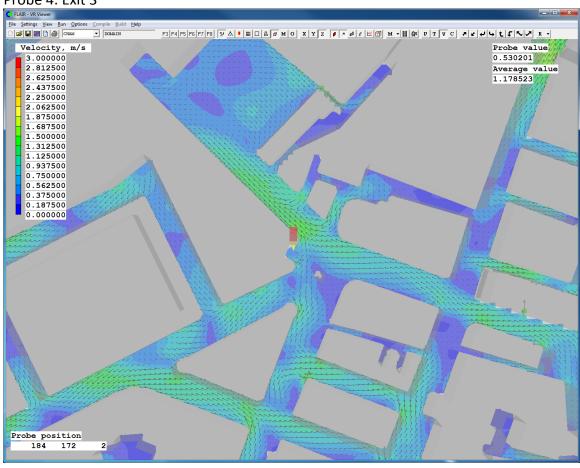


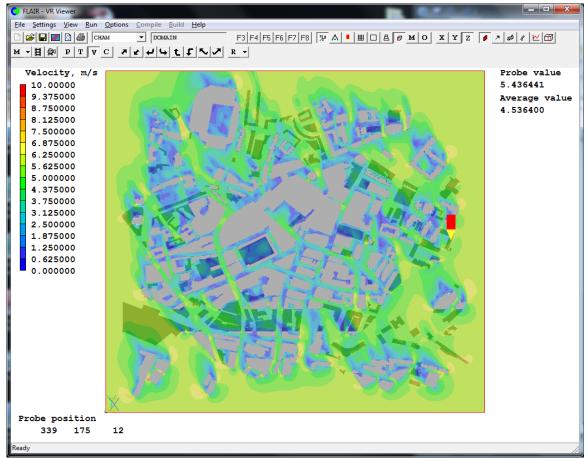


Probe 3: Exit 2

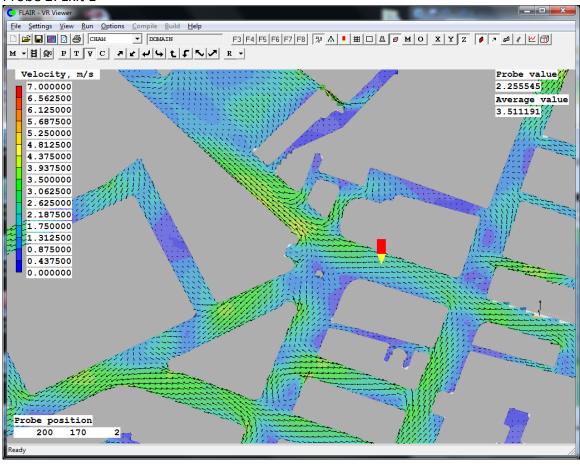


Probe 4: Exit 3

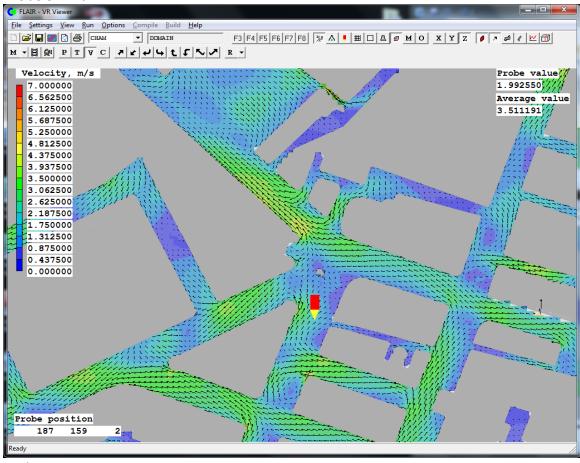




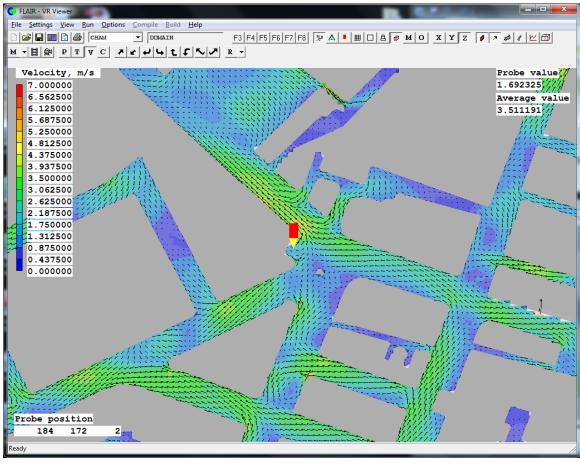
Probe 2: Exit 1



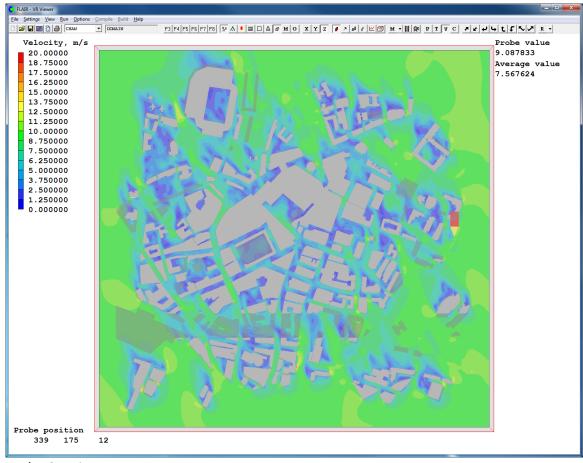
Probe 3: Exit 2



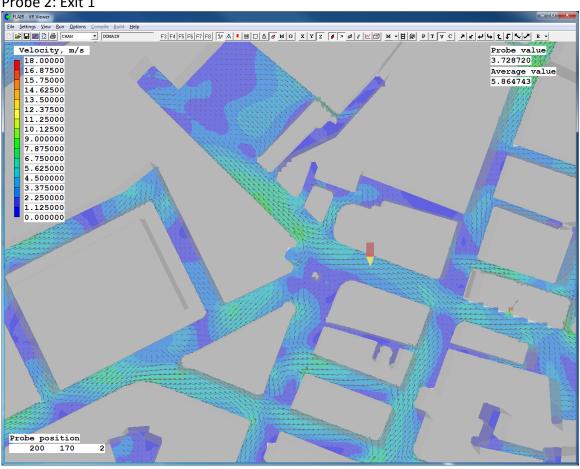
Probe 4: Exit 3



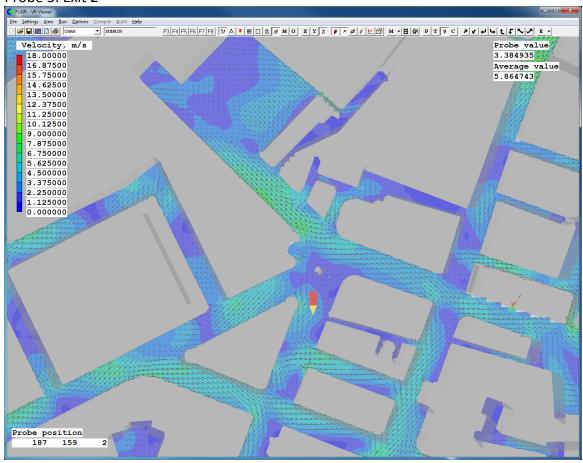
Wind speed input (m/s): 10 Probe 1: Weather station



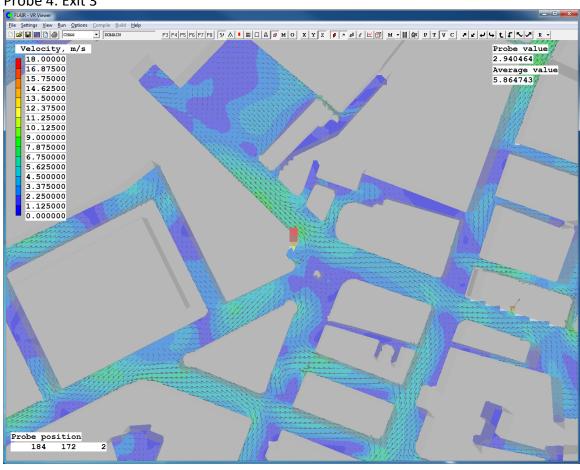


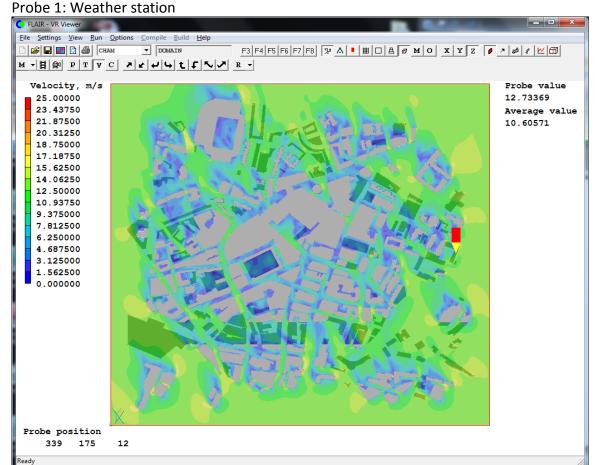


Probe 3: Exit 2

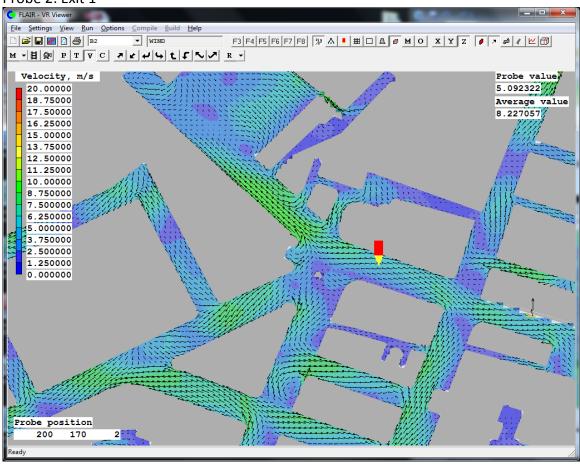


Probe 4: Exit 3

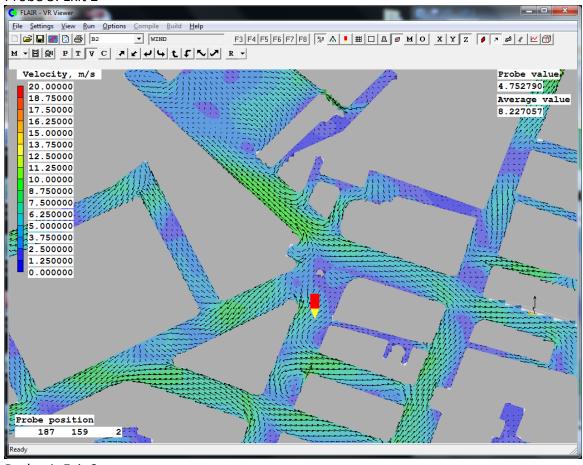




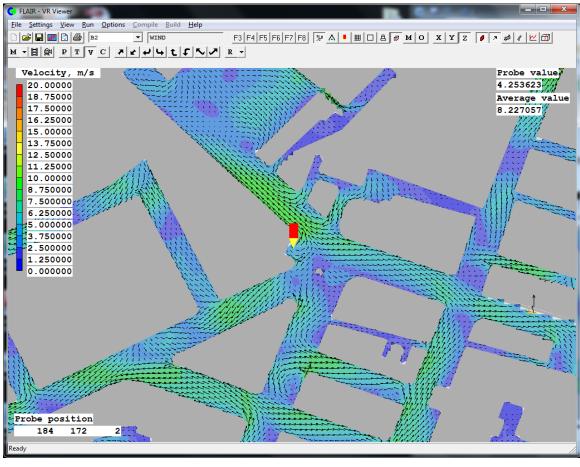
Probe 2: Exit 1



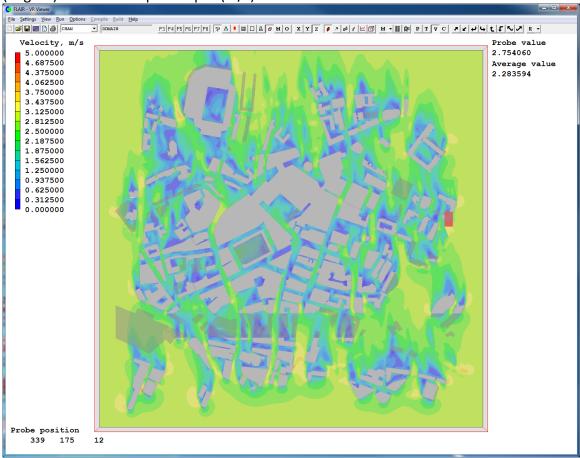
Probe 3: Exit 2



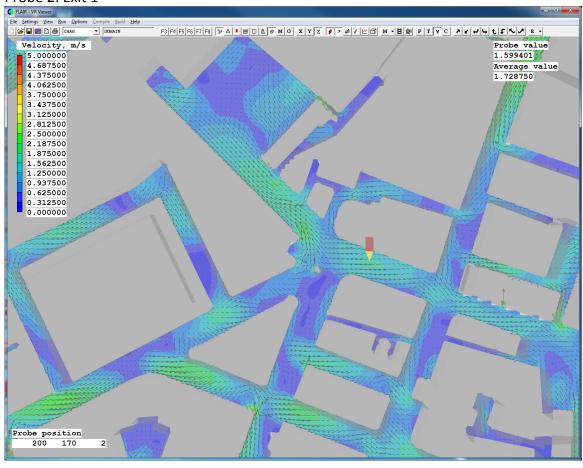
Probe 4: Exit 3



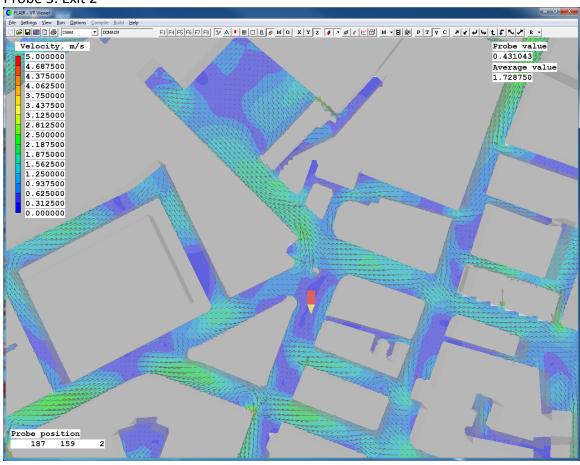
Abbreviation of wind direction: SE; Wind direction (degree): 135;Phoenics input direction (degree): 175. Wind speed input (m/s): 3. Probe 1: Weather station



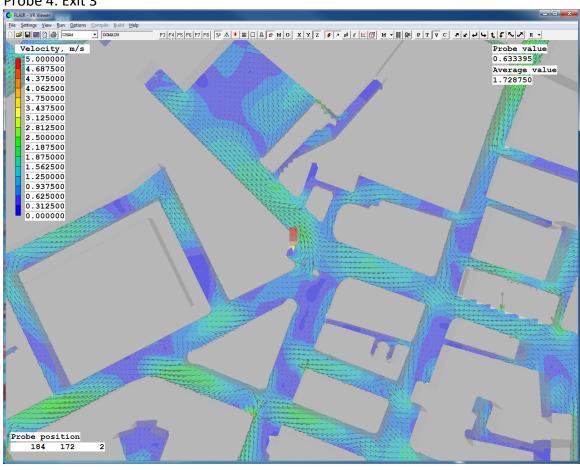
Probe 2: Exit 1

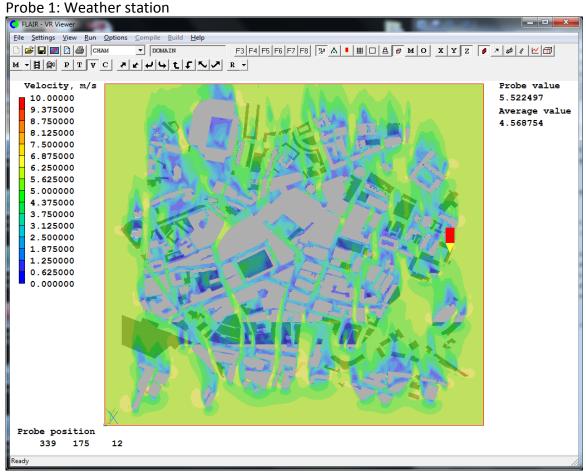


Probe 3: Exit 2

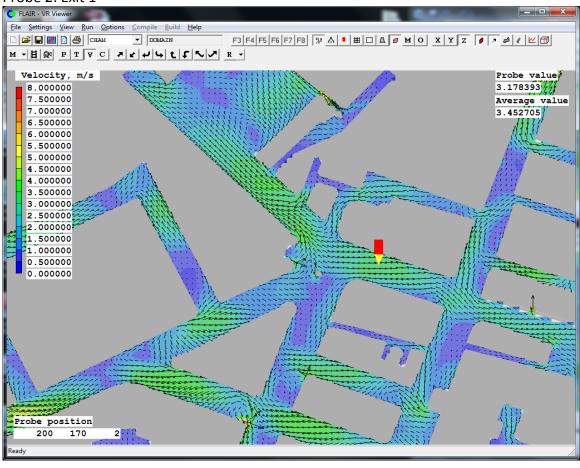


Probe 4: Exit 3

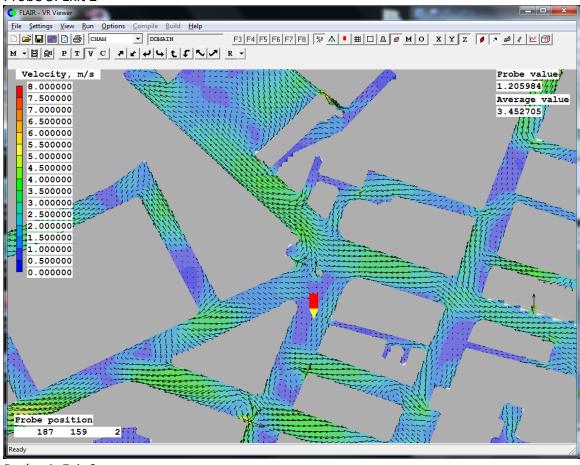




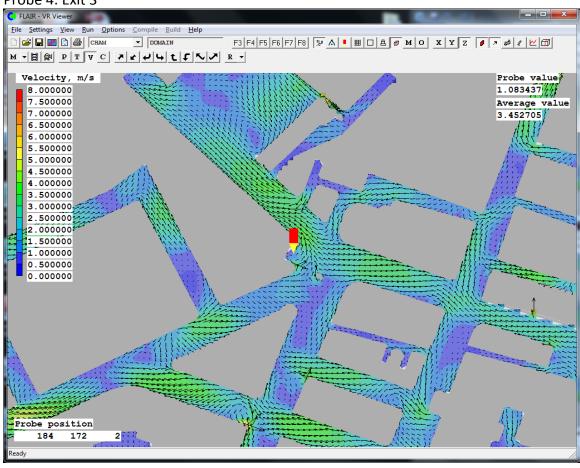
Probe 2: Exit 1

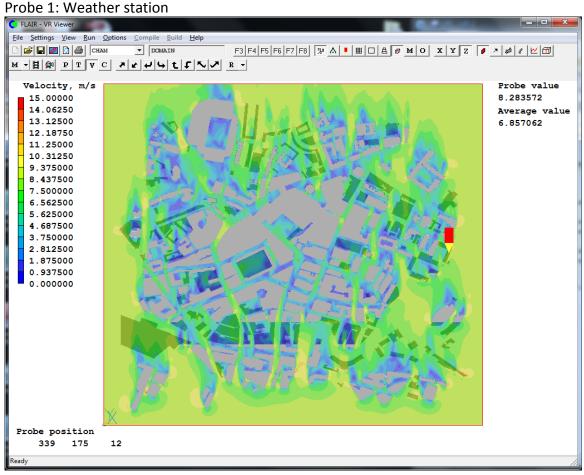


Probe 3: Exit 2

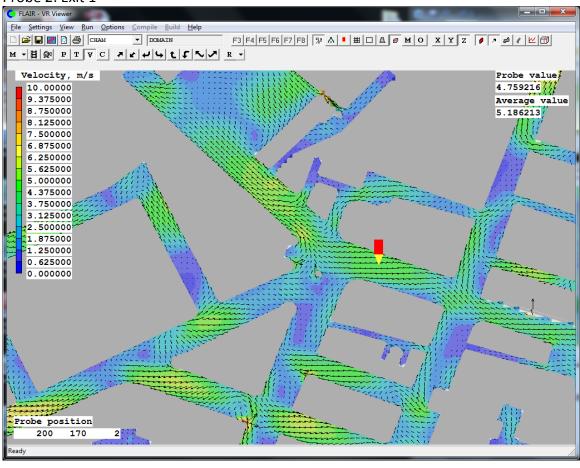


Probe 4: Exit 3

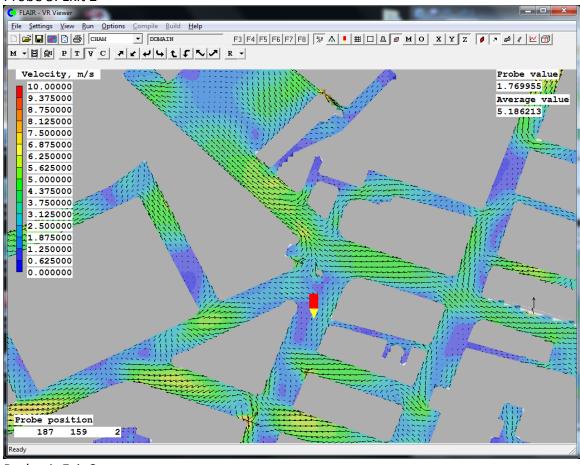




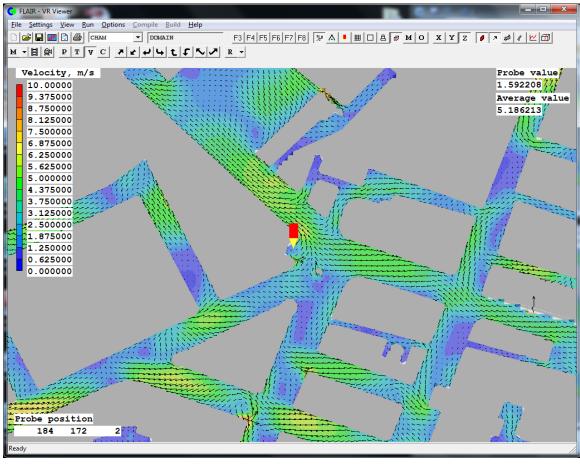
Probe 2: Exit 1



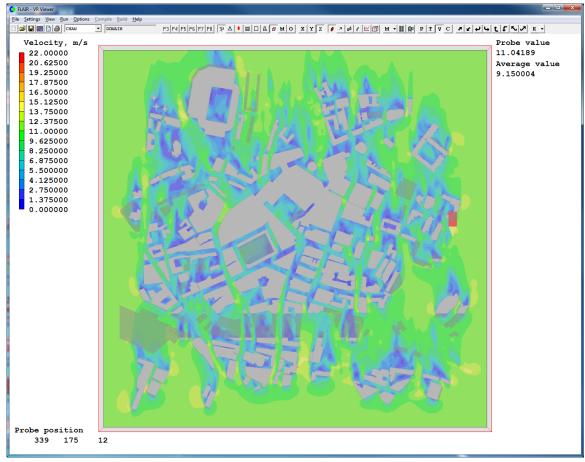
Probe 3: Exit 2



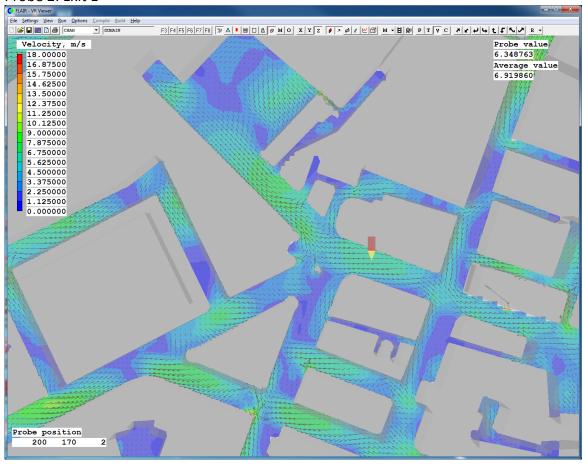
Probe 4: Exit 3



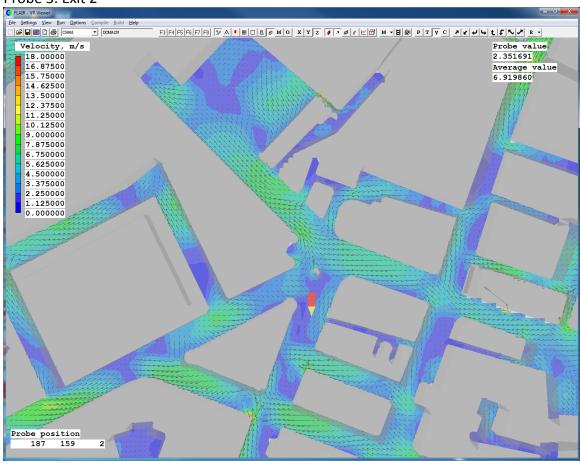
Wind speed input (m/s): 12 Probe 1: Weather station



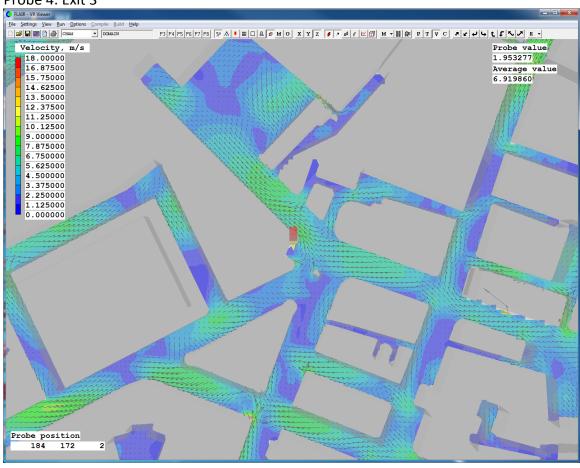
Probe 2: Exit 1



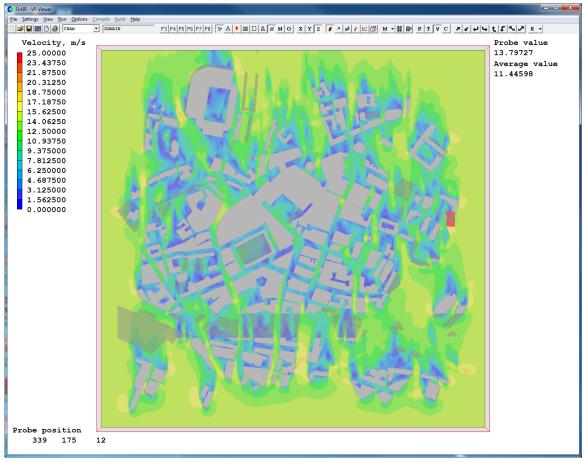
Probe 3: Exit 2



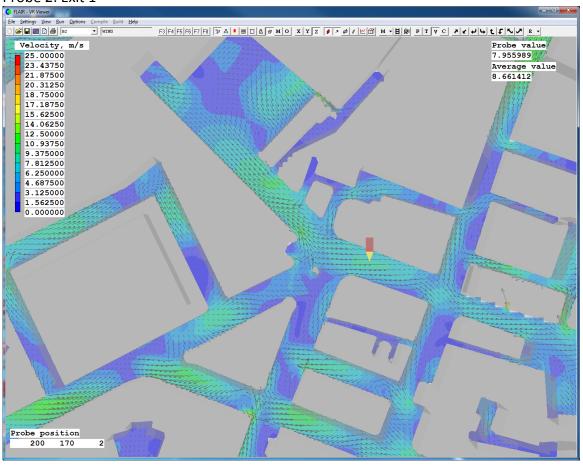
Probe 4: Exit 3



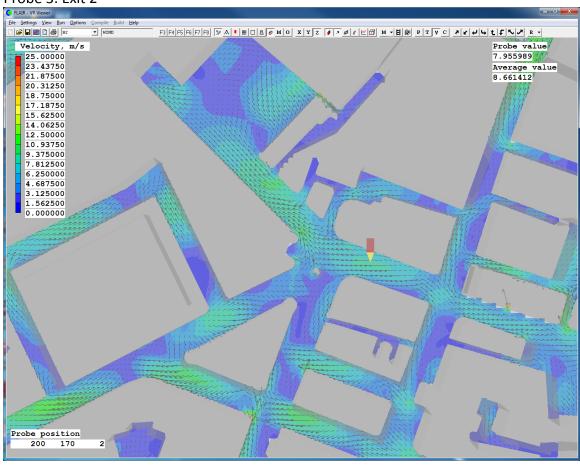
Wind speed input (m/s): 15 Probe 1: Weather station



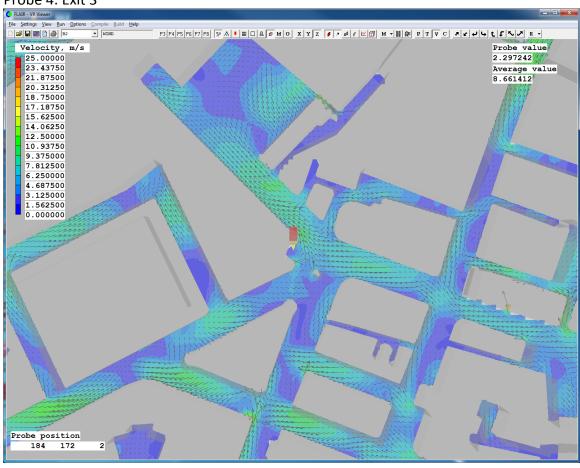
Probe 2: Exit 1



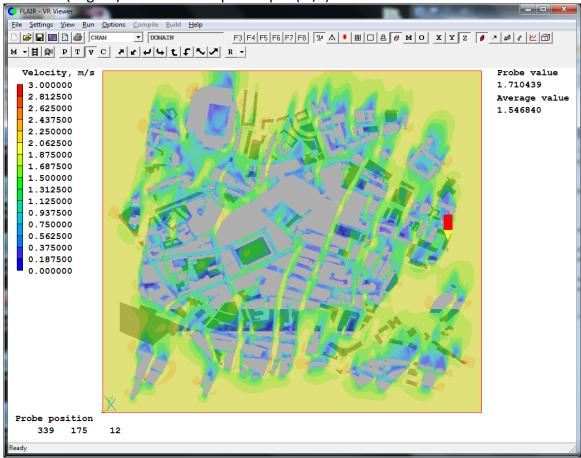
Probe 3: Exit 2



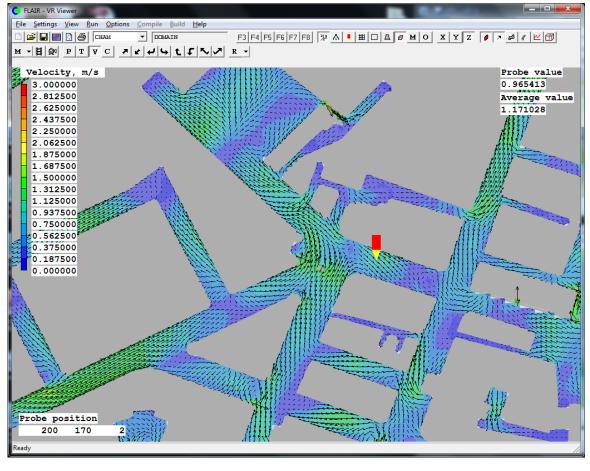
Probe 4: Exit 3



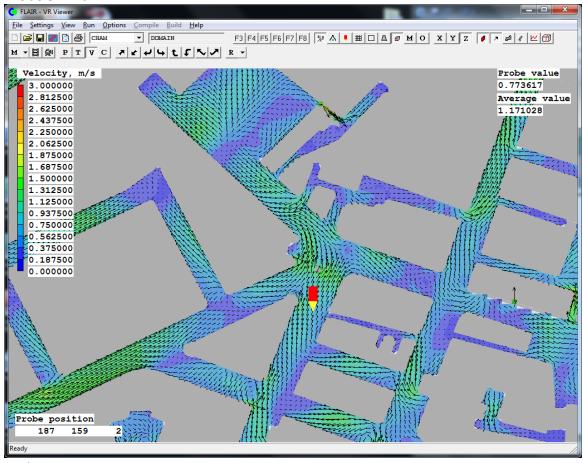
Abbreviation of wind direction: SSE; Wind direction (degree): 157.5; Phoenics input direction (degree): 197.5. Wind speed input (m/s): 2. Probe 1: Weather station



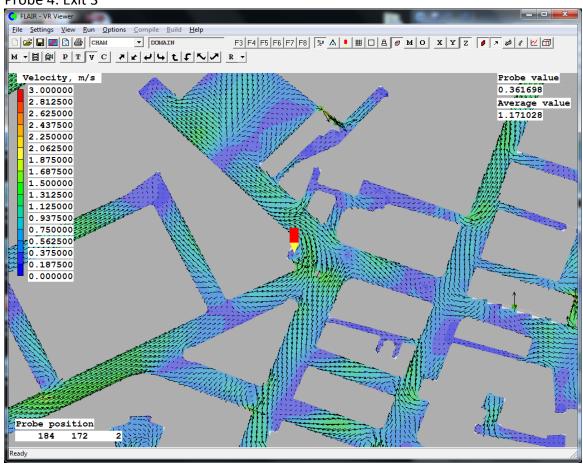
Probe 2: Exit 1

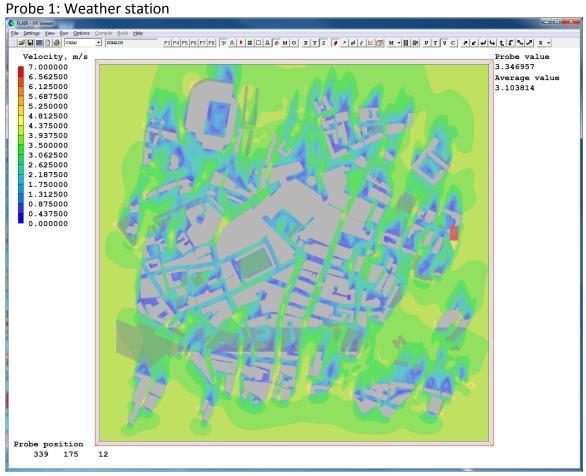


Probe 3: Exit 2

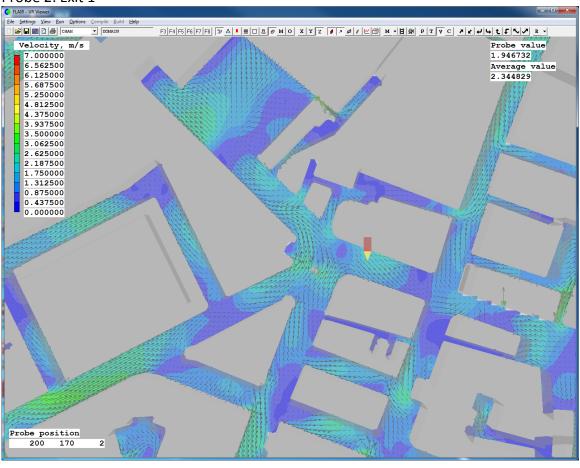


Probe 4: Exit 3

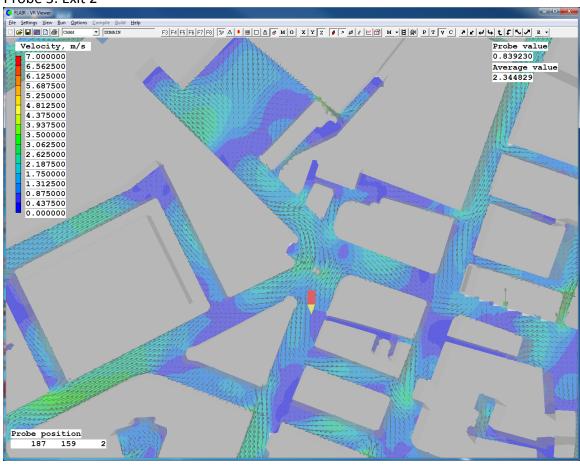




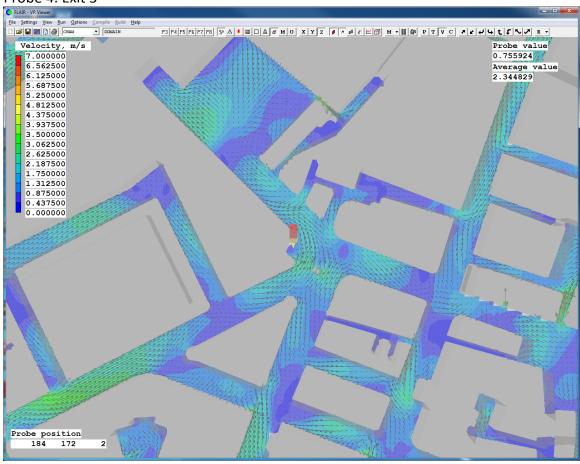
Probe 2: Exit 1



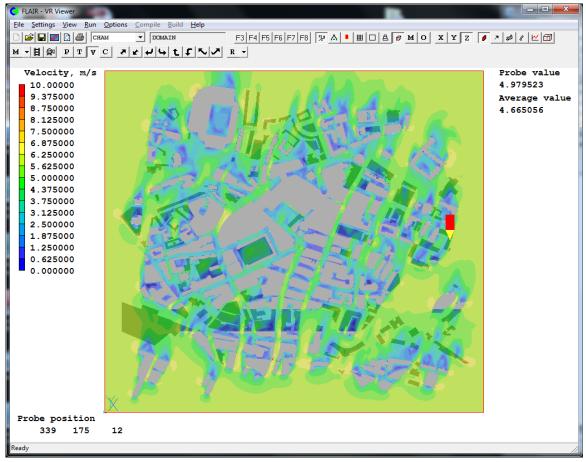
Probe 3: Exit 2



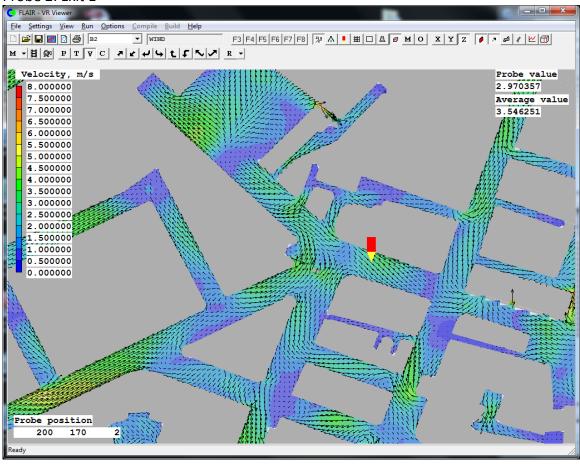
Probe 4: Exit 3



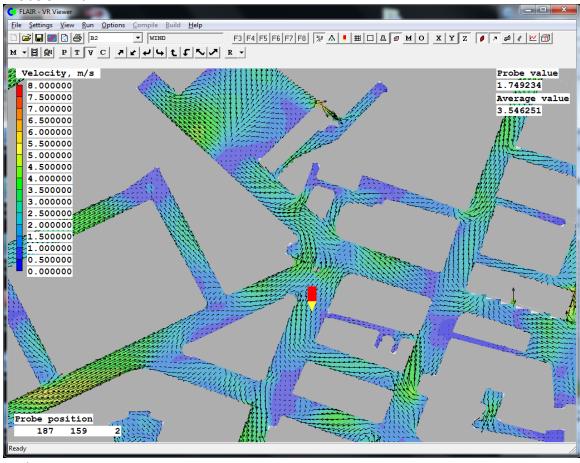
Wind speed input (m/s): 6 Probe 1: Weather station



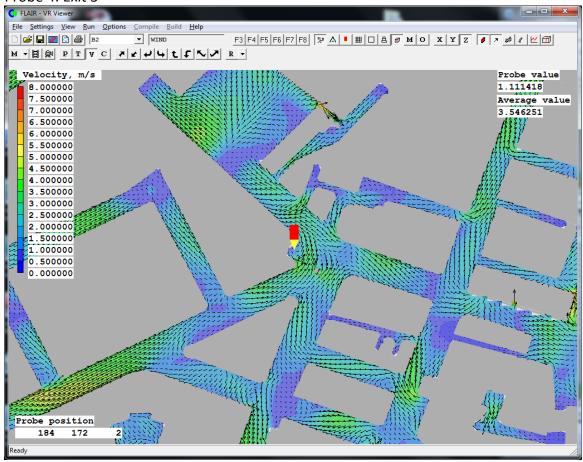
Probe 2: Exit 1



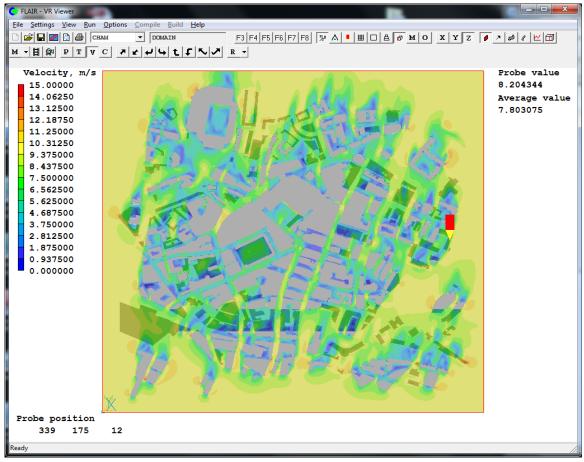
Probe 3: Exit 2



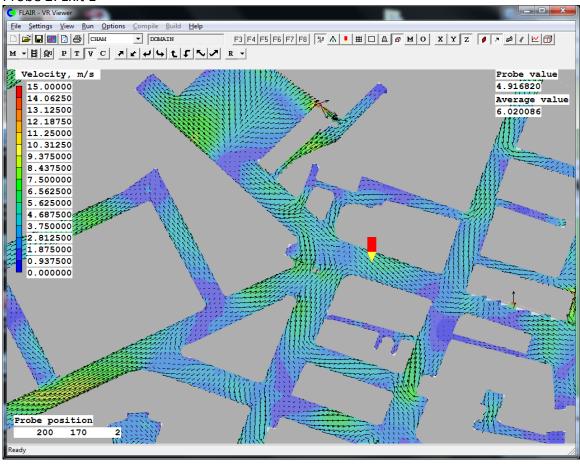
Probe 4: Exit 3



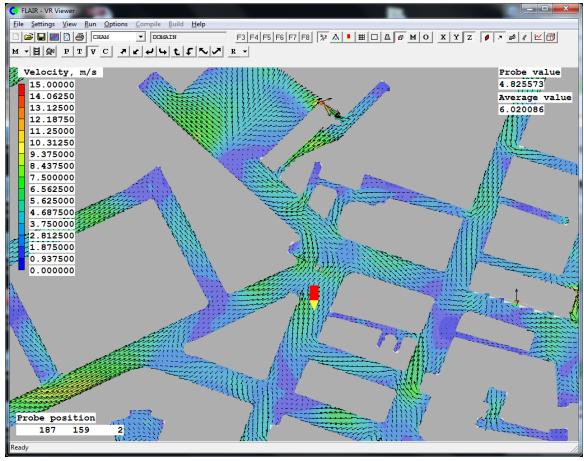
Wind speed input (m/s): 10 Probe 1: Weather station



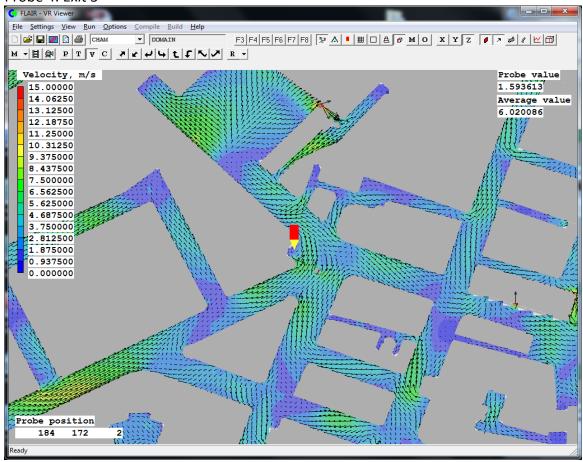
Probe 2: Exit 1

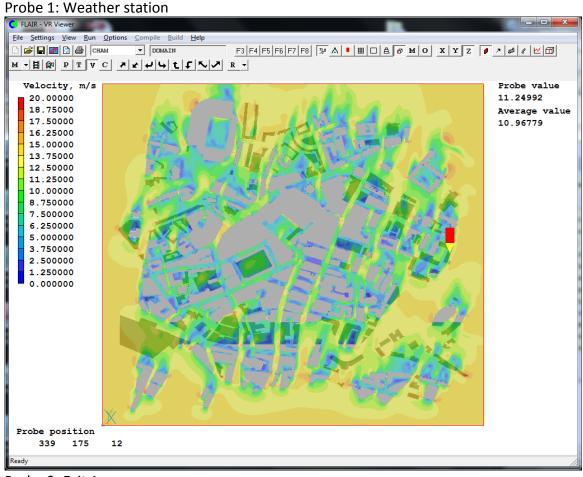


Probe 3: Exit 2

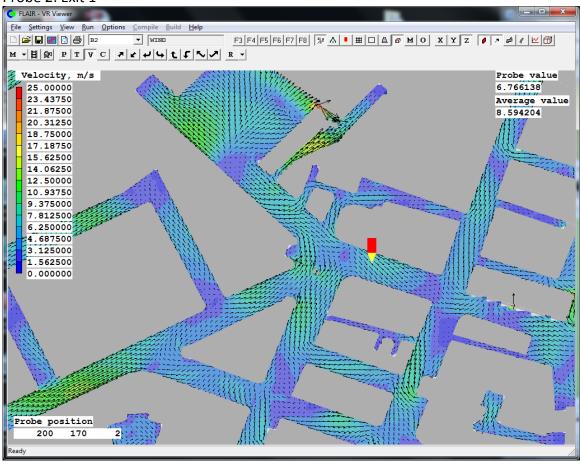


Probe 4: Exit 3

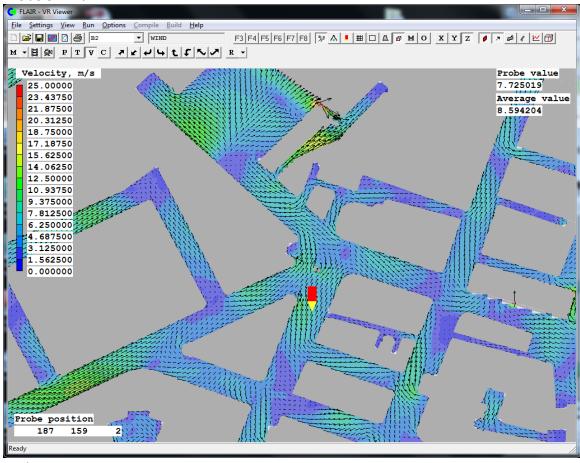




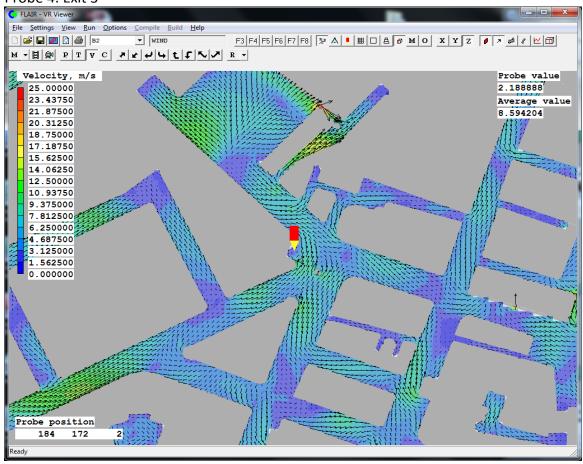
Probe 2: Exit 1



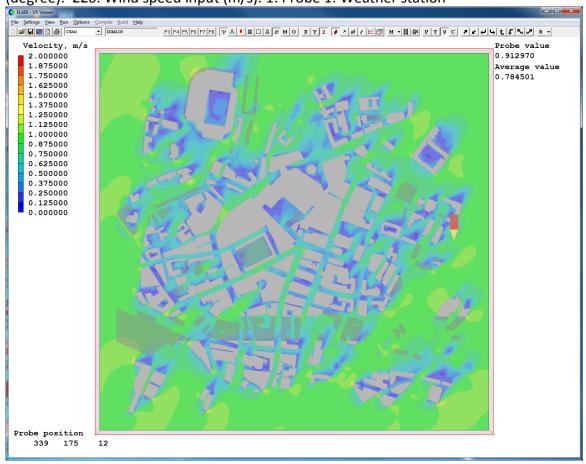
Probe 3: Exit 2



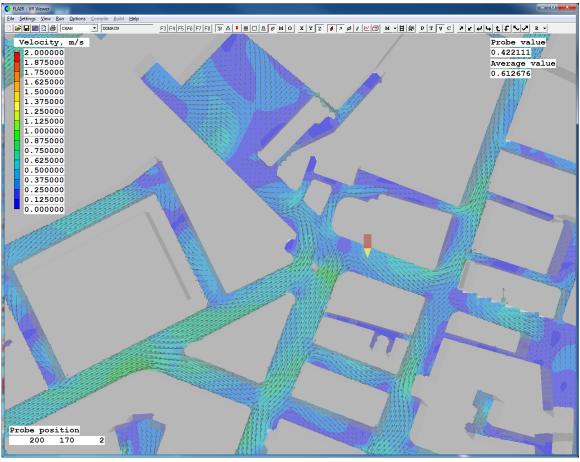
Probe 4: Exit 3



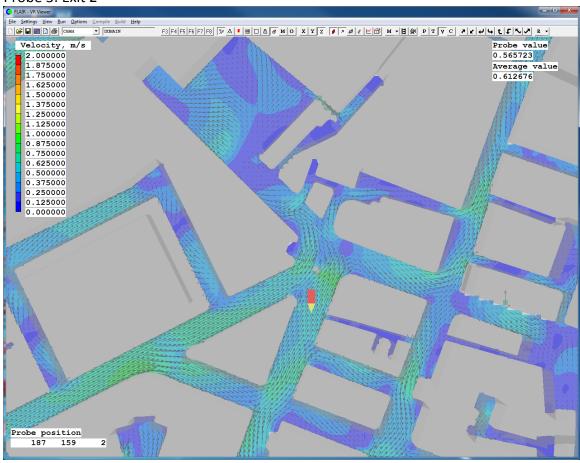
Abbreviation of wind direction: S; Wind direction (degree): 180; Phoenics input direction (degree): 220. Wind speed input (m/s): 1. Probe 1: Weather station



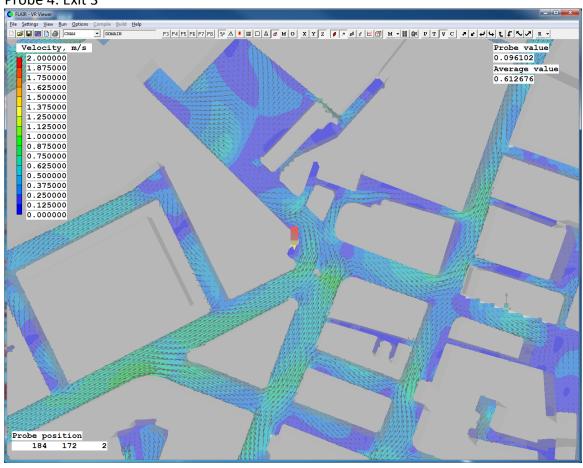
Probe 2: Exit 1



Probe 3: Exit 2

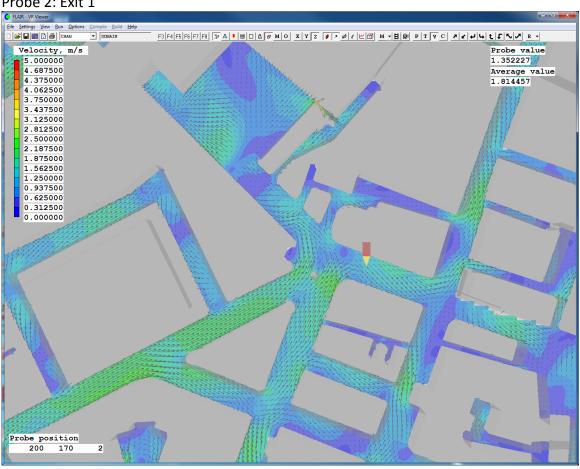


Probe 4: Exit 3

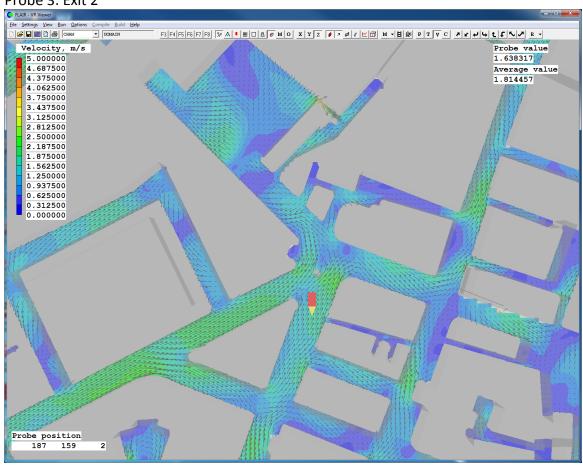




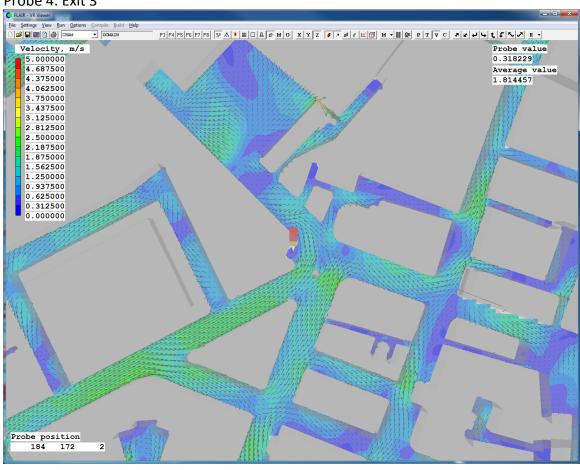
Probe 2: Exit 1

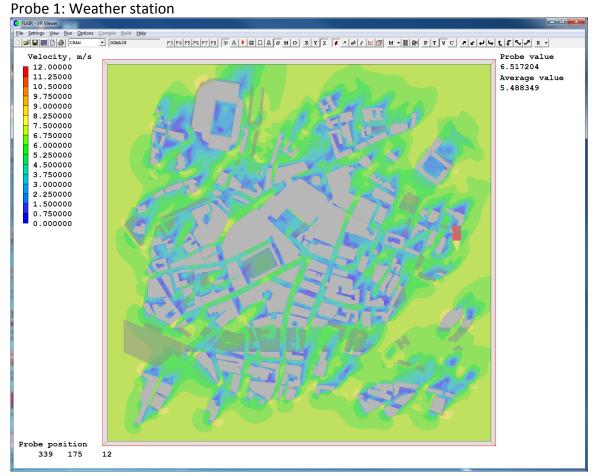


Probe 3: Exit 2

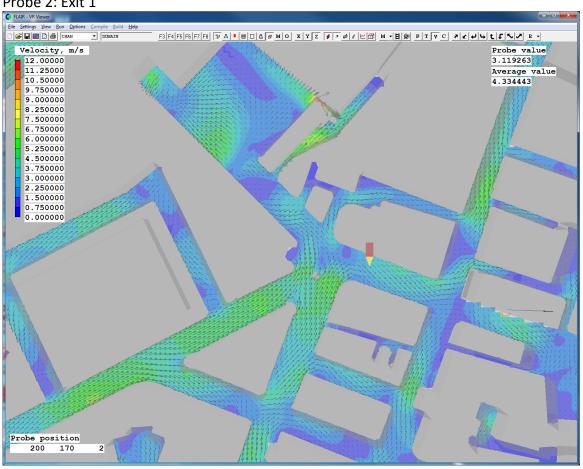


Probe 4: Exit 3

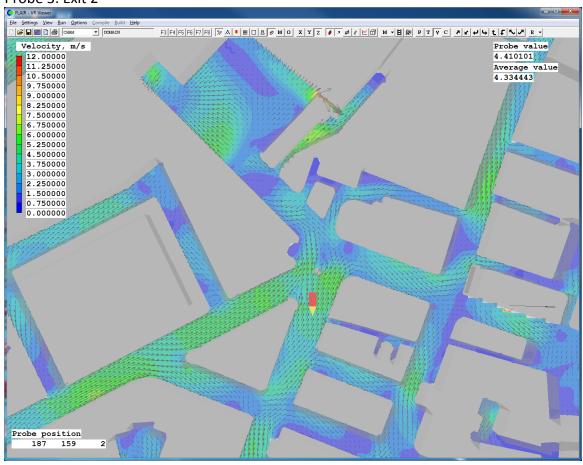




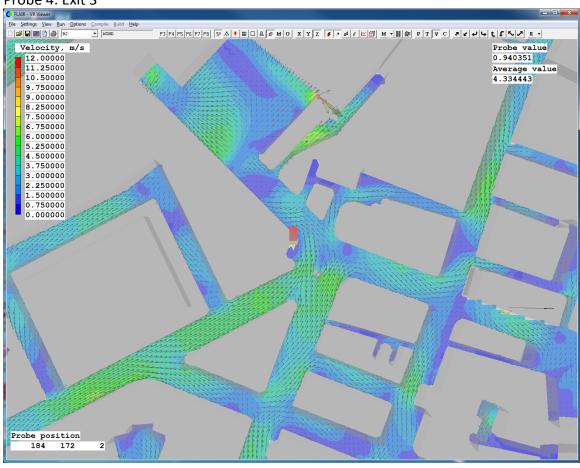




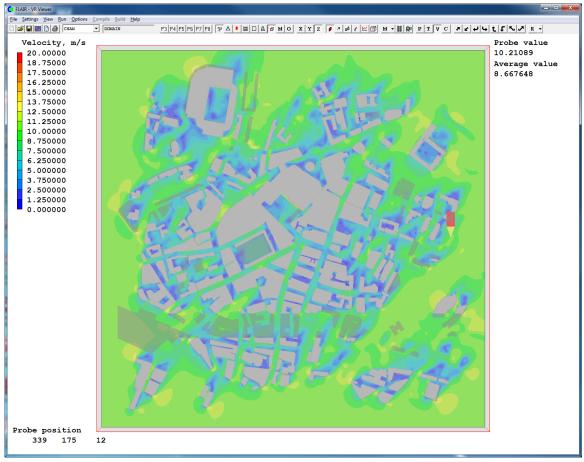
Probe 3: Exit 2



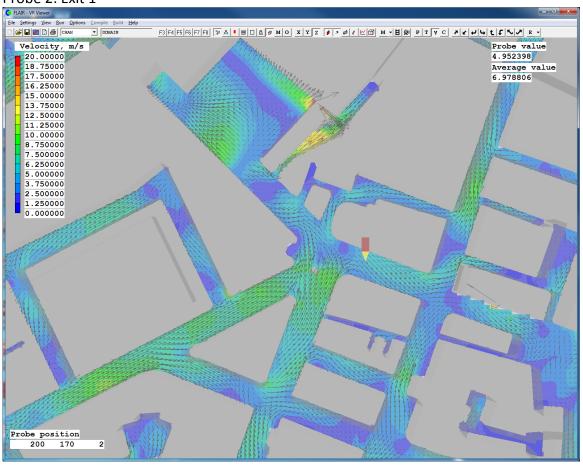
Probe 4: Exit 3



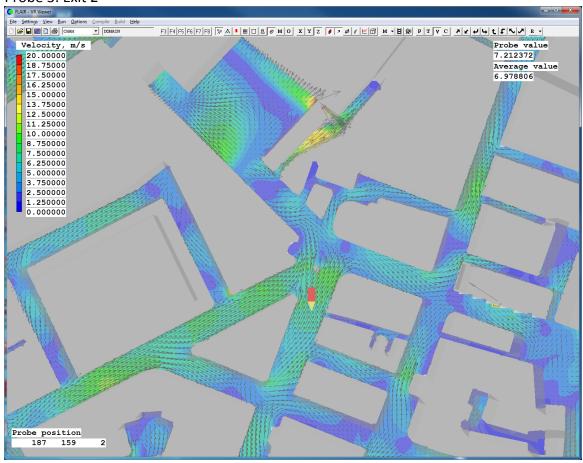
Wind speed input (m/s): 11 Probe 1: Weather station



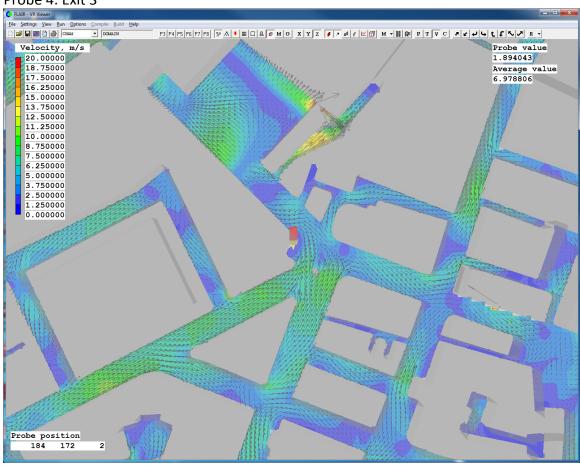
Probe 2: Exit 1



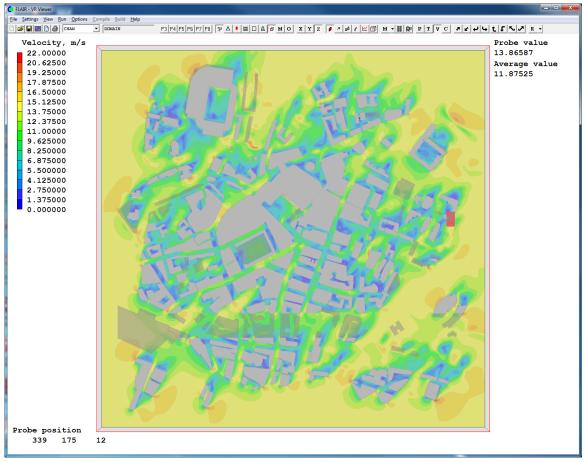
Probe 3: Exit 2



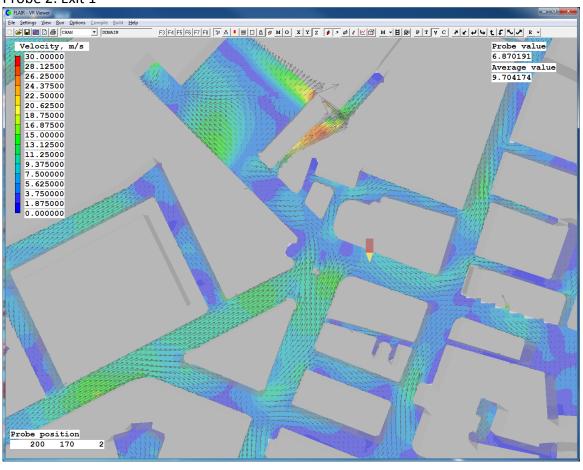
Probe 4: Exit 3



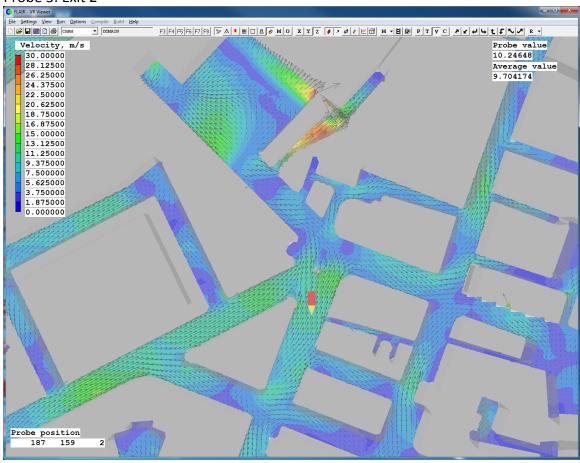
Wind speed input (m/s): 15 Probe 1: Weather station



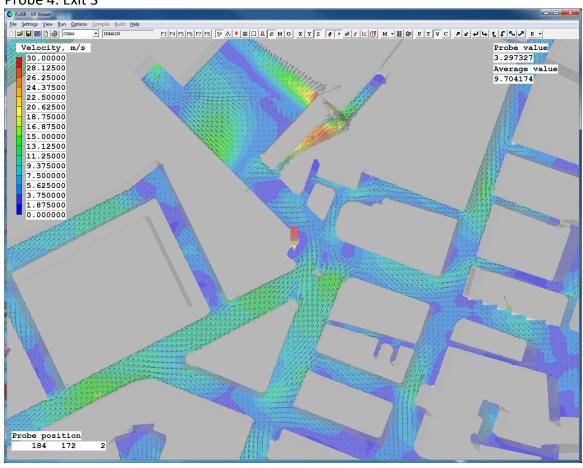
Probe 2: Exit 1



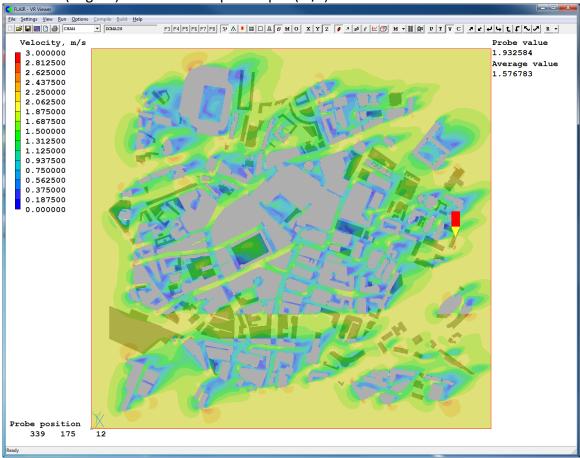
Probe 3: Exit 2



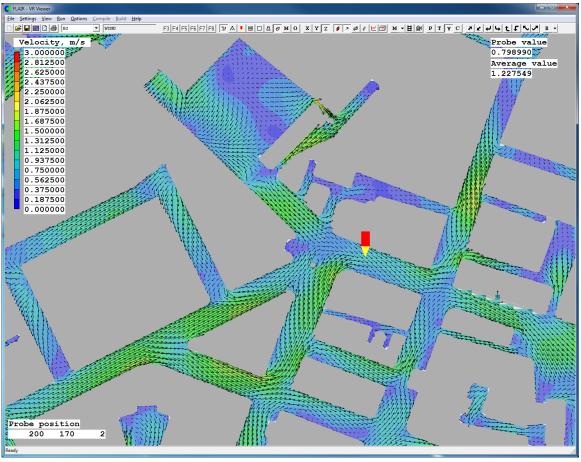
Probe 4: Exit 3



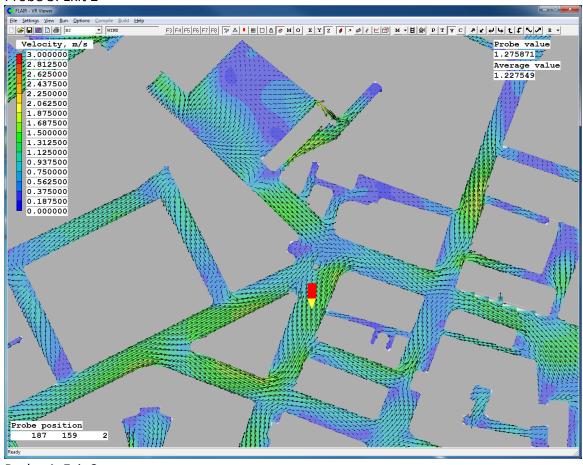
Abbreviation of wind direction: SSW; Wind direction (degree): 202.5; Phoenics input direction (degree): 242.5. Wind speed input (m/s): 2. Probe 1: Weather station



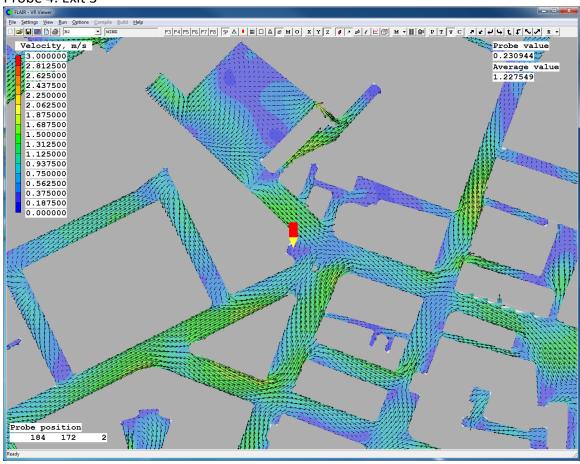
Probe 2: Exit 1



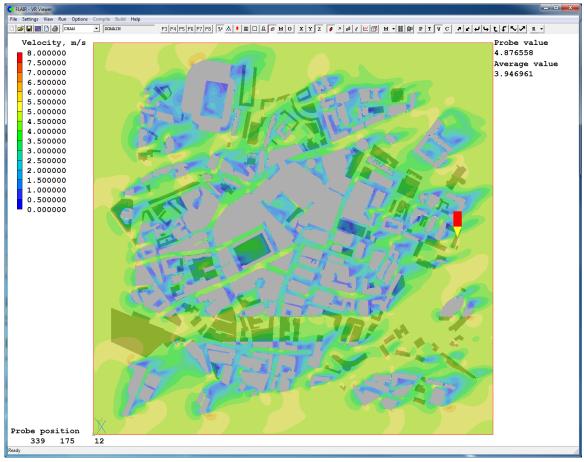
Probe 3: Exit 2



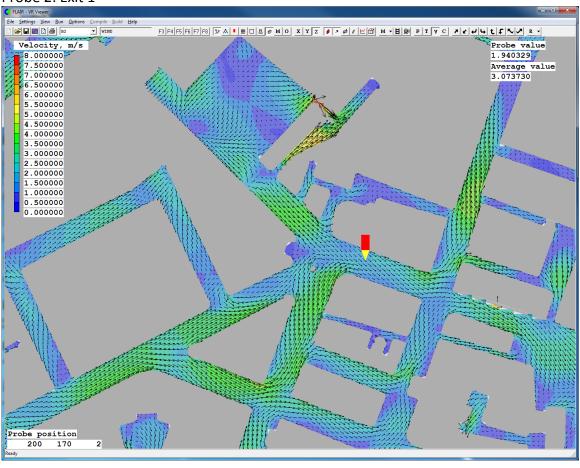
Probe 4: Exit 3



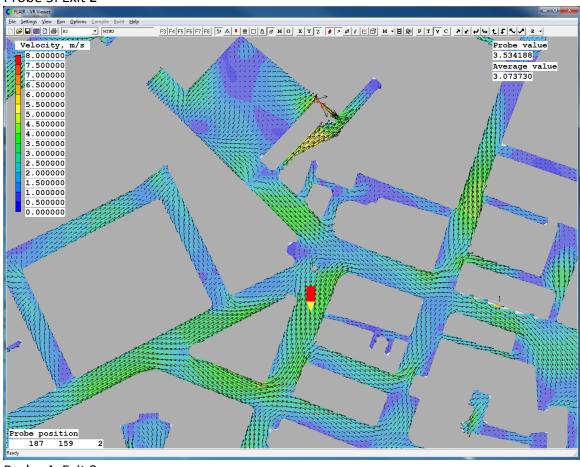
Wind speed input (m/s): 5 Probe 1: Weather station



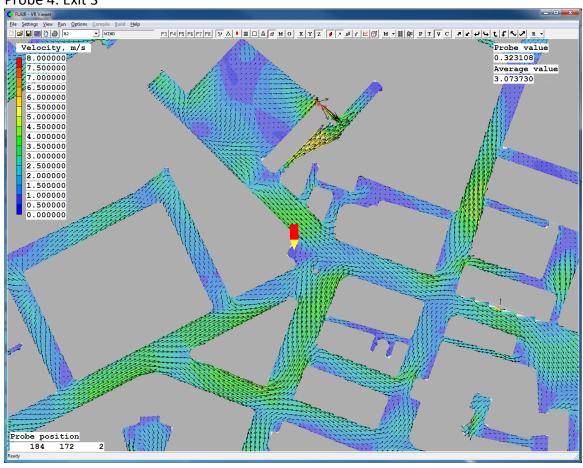
Probe 2: Exit 1



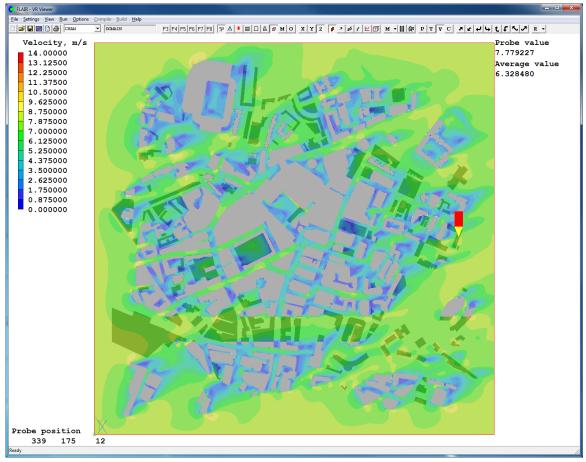
Probe 3: Exit 2



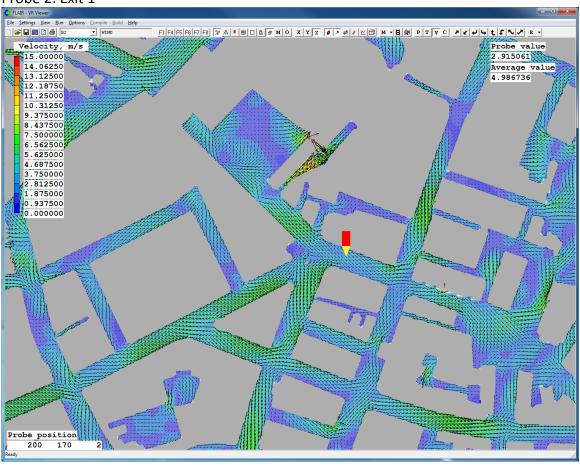
Probe 4: Exit 3



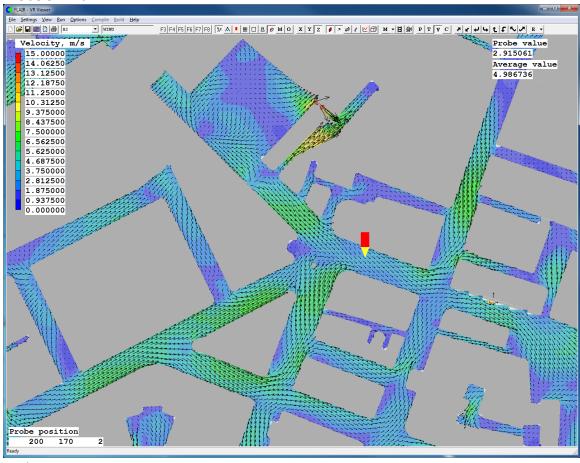
Wind speed input (m/s): 8 Probe 1: Weather station



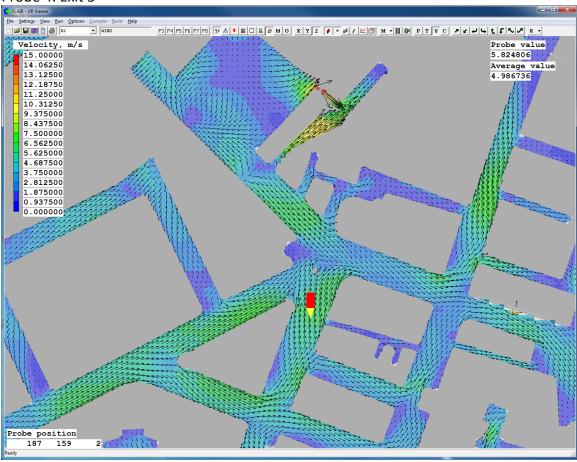
Probe 2: Exit 1



Probe 3: Exit 2

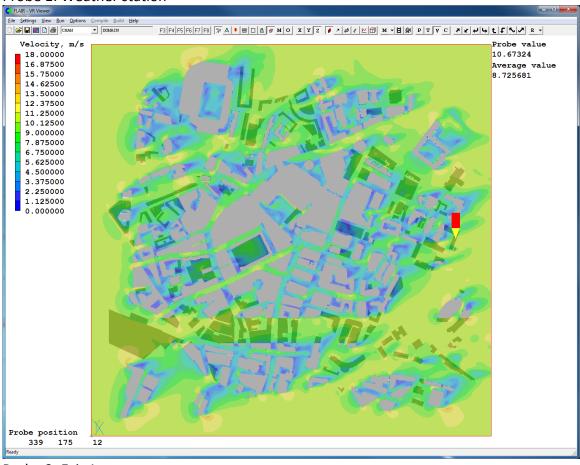


Probe 4: Exit 3

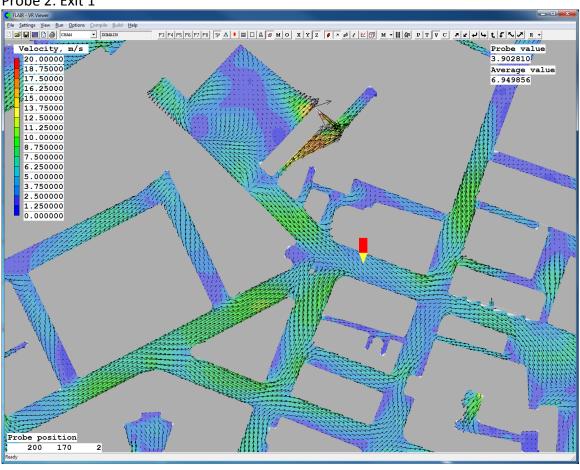


Wind speed input (m/s): 11

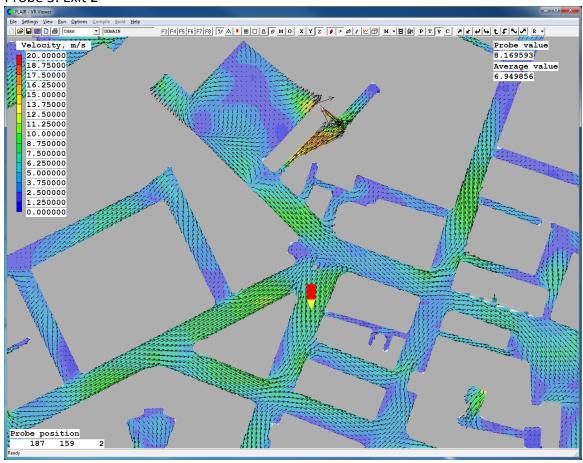
Probe 1: Weather station



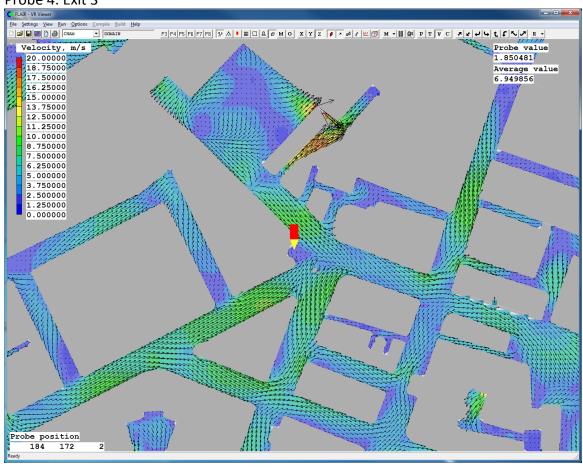
Probe 2: Exit 1



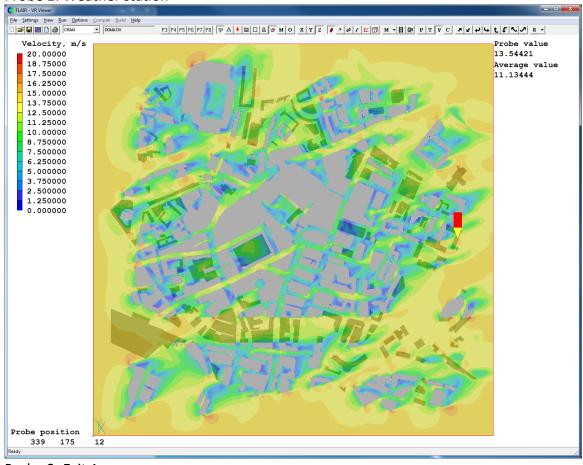
Probe 3: Exit 2



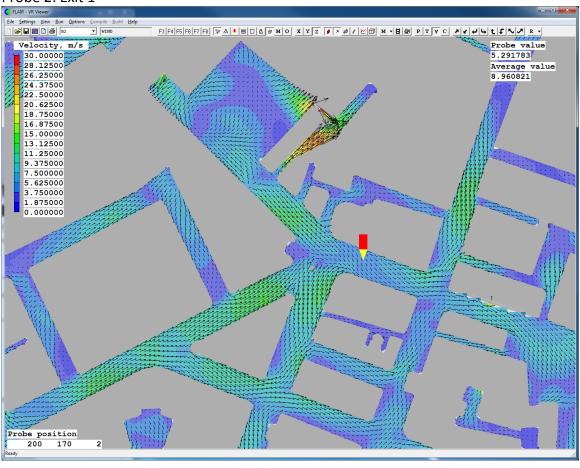
Probe 4: Exit 3



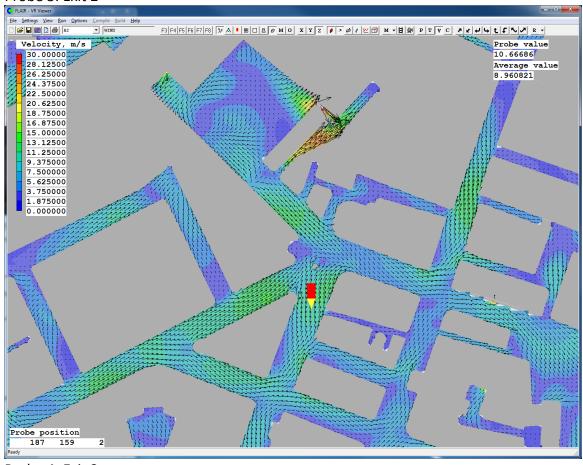
Wind speed input (m/s): 14 Probe 1: Weather station



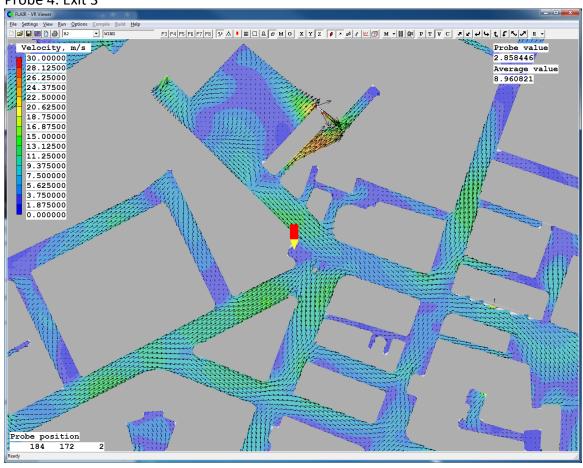
Probe 2: Exit 1



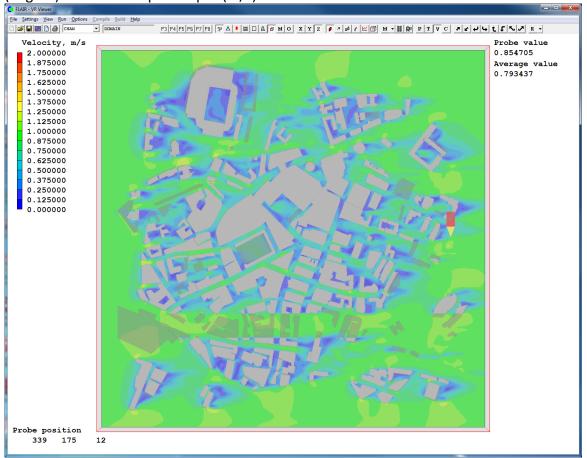
Probe 3: Exit 2



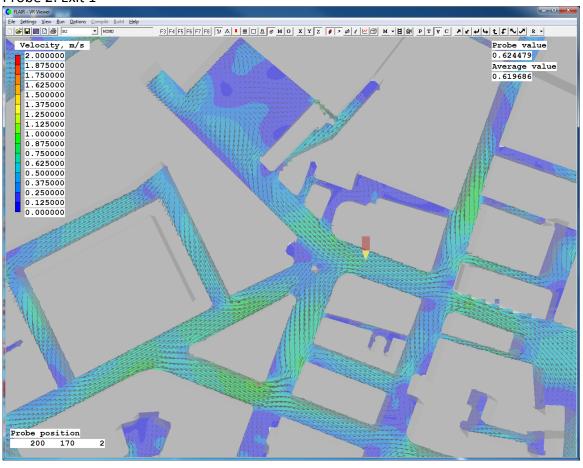
Probe 4: Exit 3



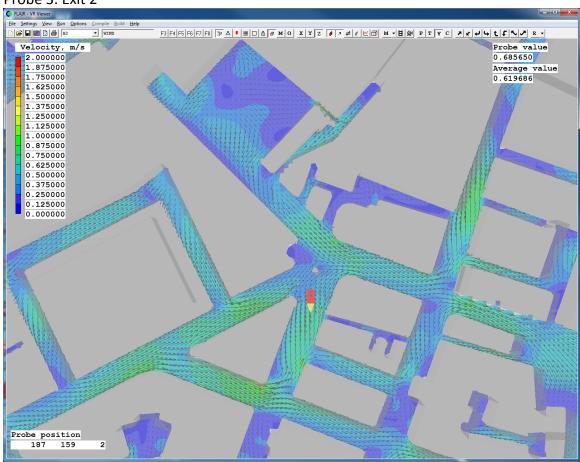
Abbreviation of wind direction: SW; Wind direction (degree): 225; Phoenics input direction (degree): 265. Wind speed input (m/s): 1. Probe 1: Weather station



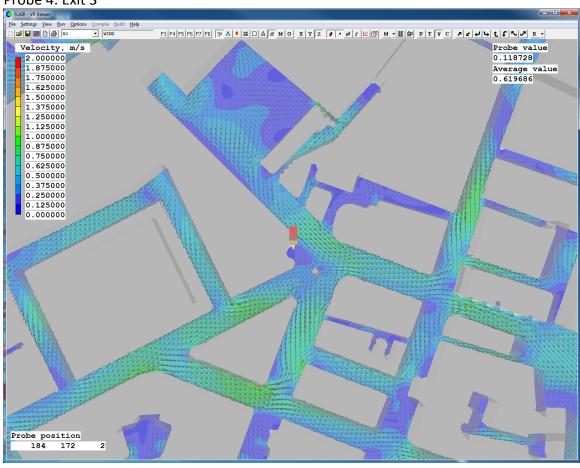
Probe 2: Exit 1



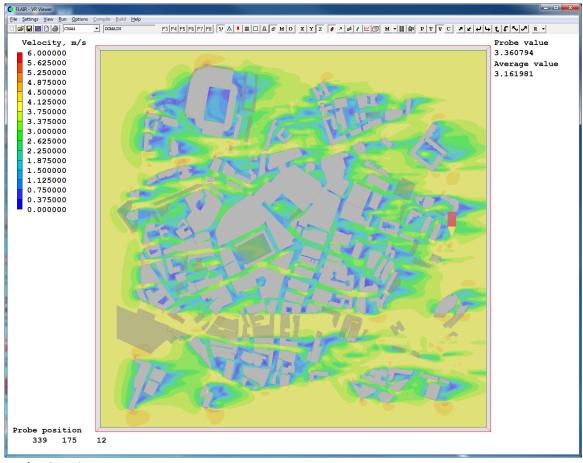
Probe 3: Exit 2



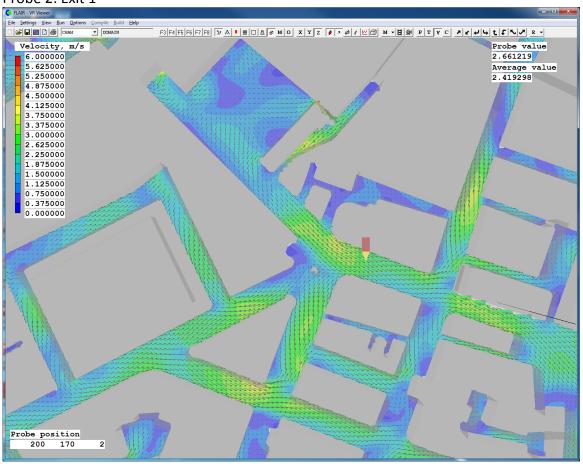
Probe 4: Exit 3



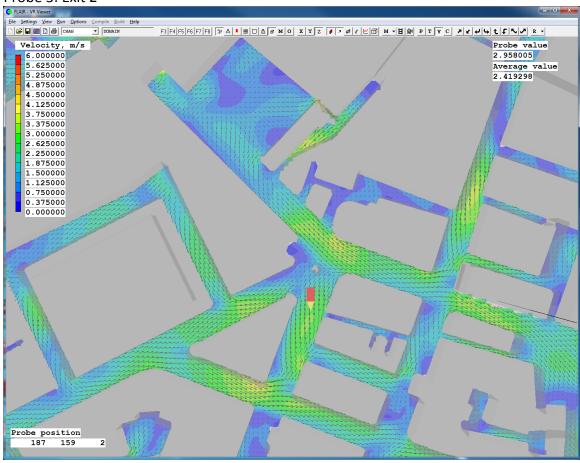
Wind speed input (m/s): 4 Probe 1: Weather station



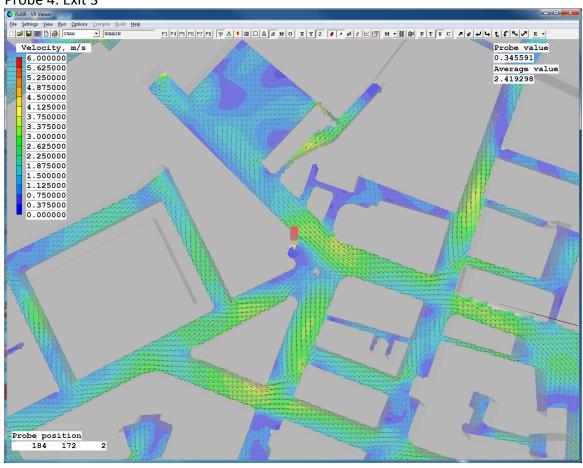
Probe 2: Exit 1



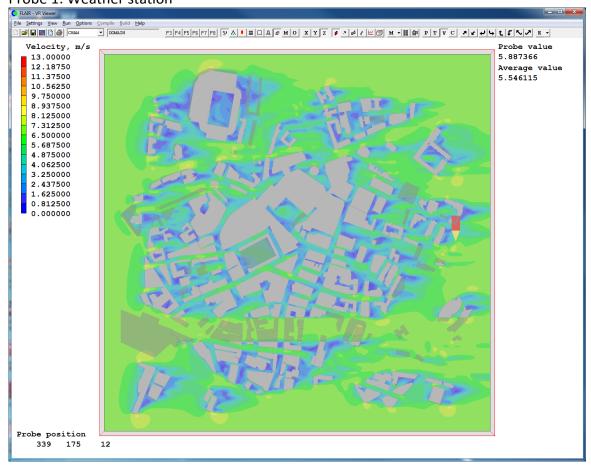
Probe 3: Exit 2



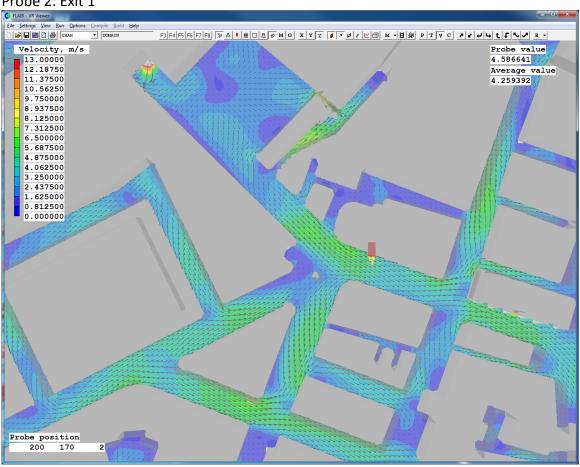
Probe 4: Exit 3



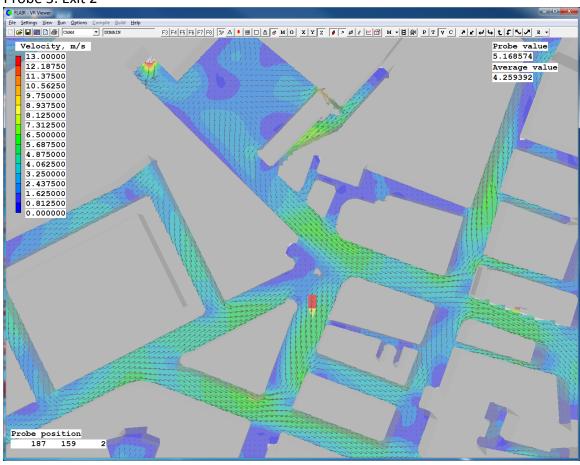
Wind speed input (m/s): 7 Probe 1: Weather station



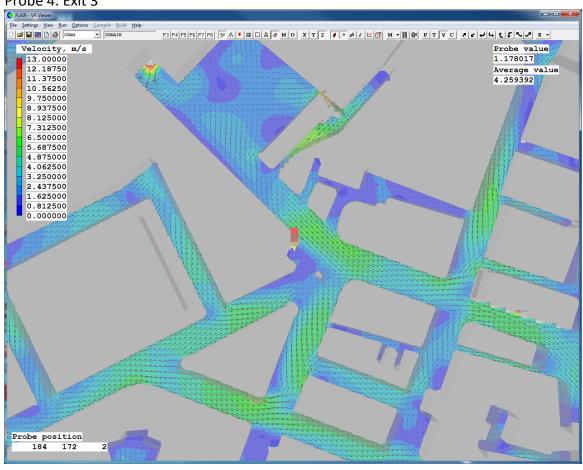
Probe 2: Exit 1

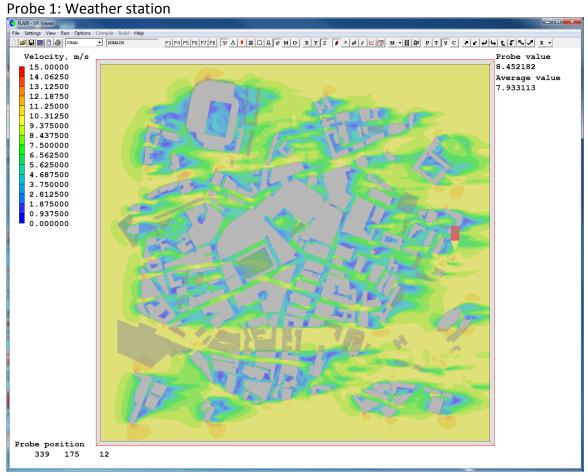


Probe 3: Exit 2

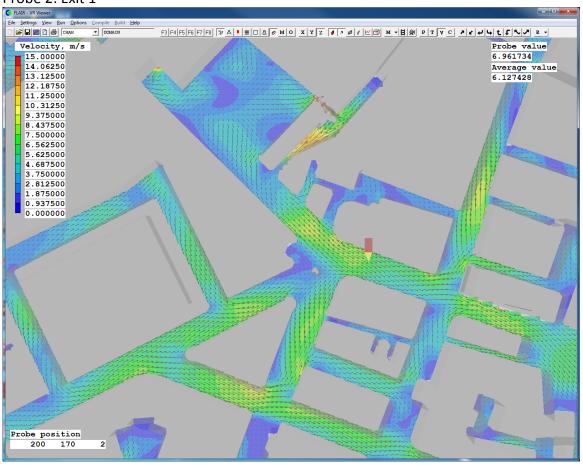


Probe 4: Exit 3

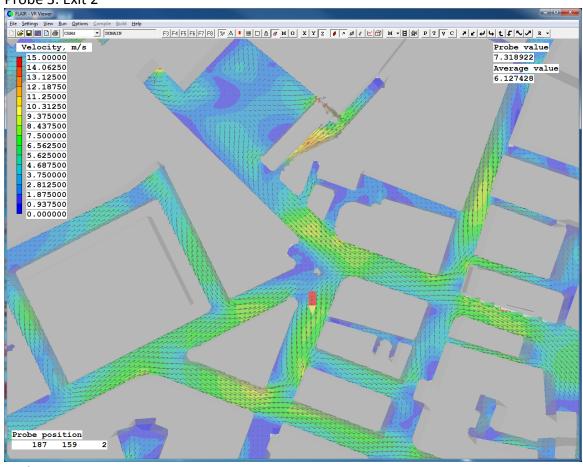




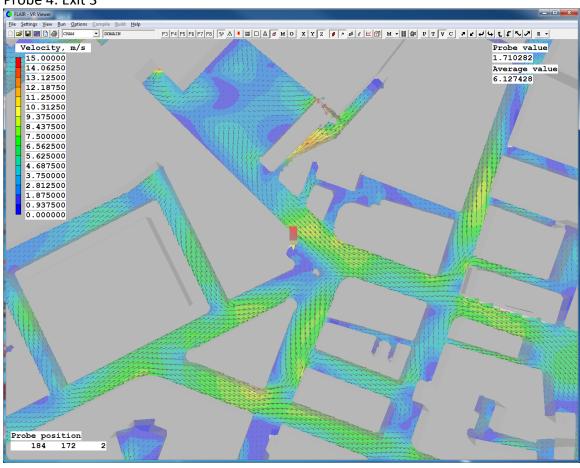
Probe 2: Exit 1

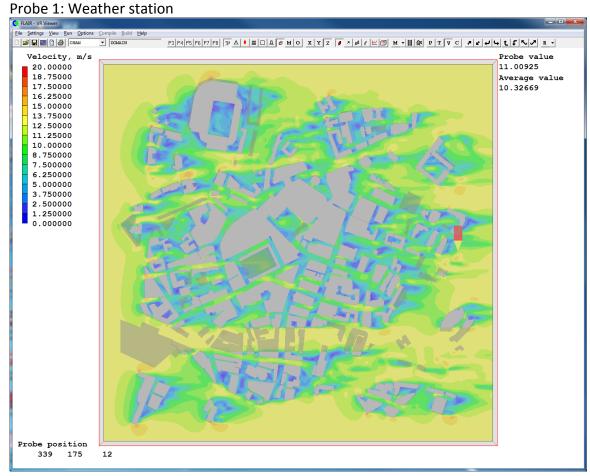


Probe 3: Exit 2

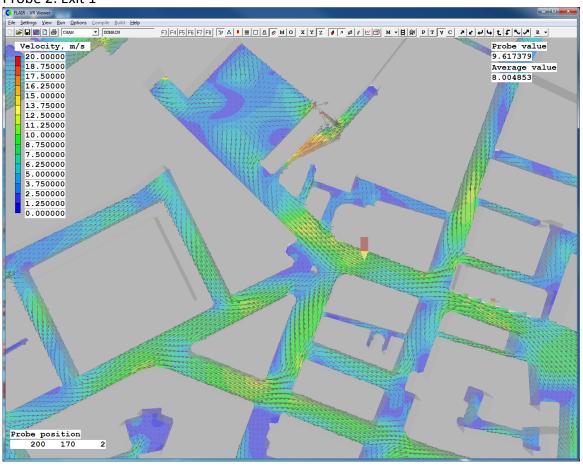


Probe 4: Exit 3

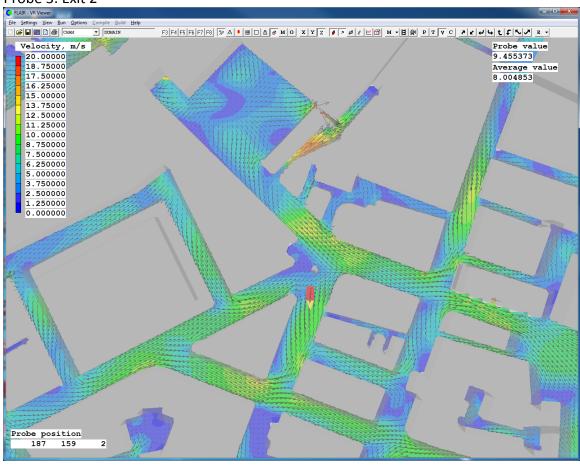




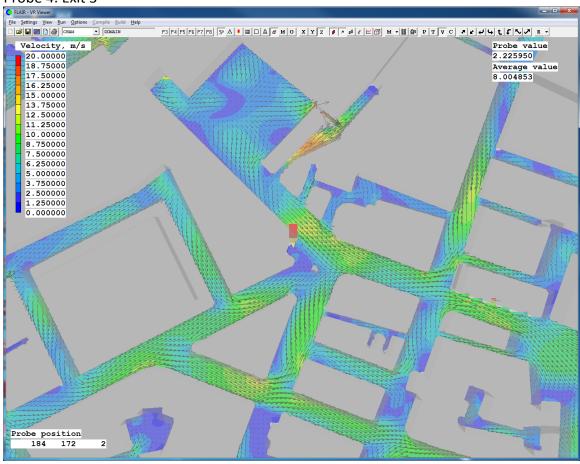
Probe 2: Exit 1



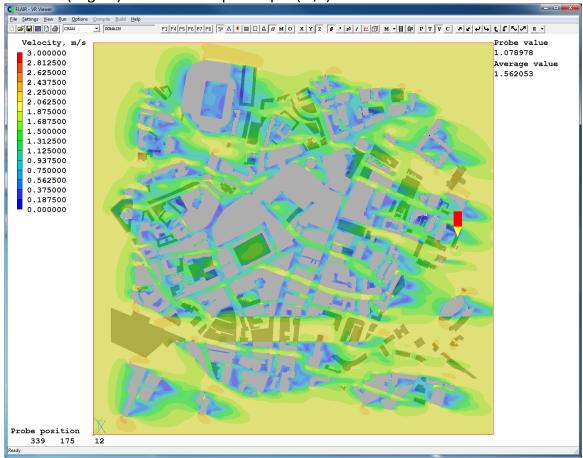
Probe 3: Exit 2



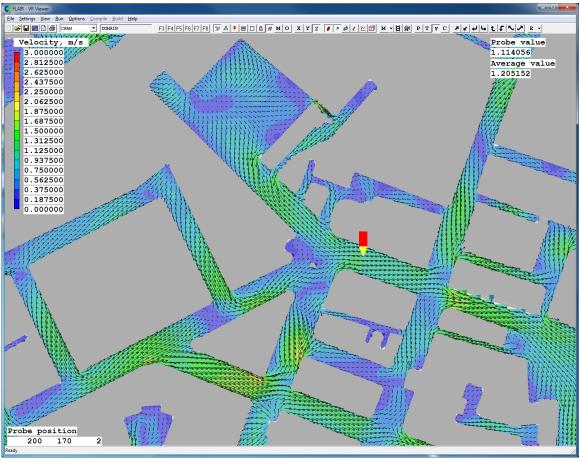
Probe 4: Exit 3



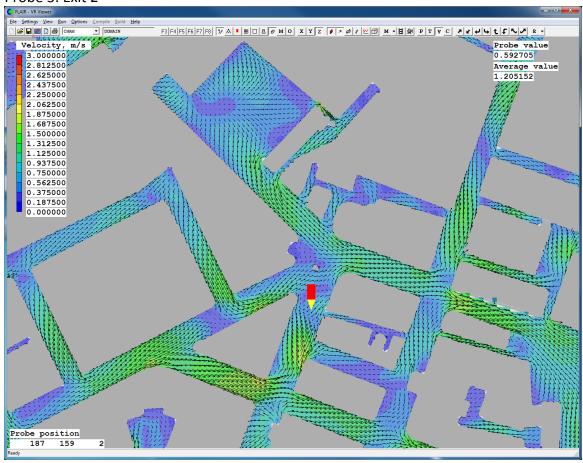
Abbreviation of wind direction: WSW; Wind direction (degree): 247.5; Phoenics input direction (degree): 287.5. Wind speed input (m/s): 2. Probe 1: Weather station



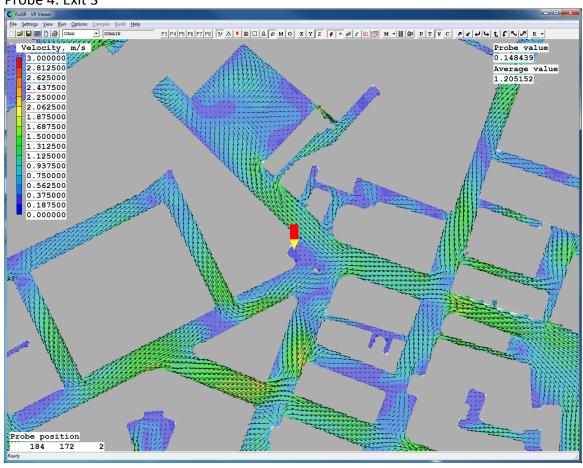
Probe 2: Exit 1

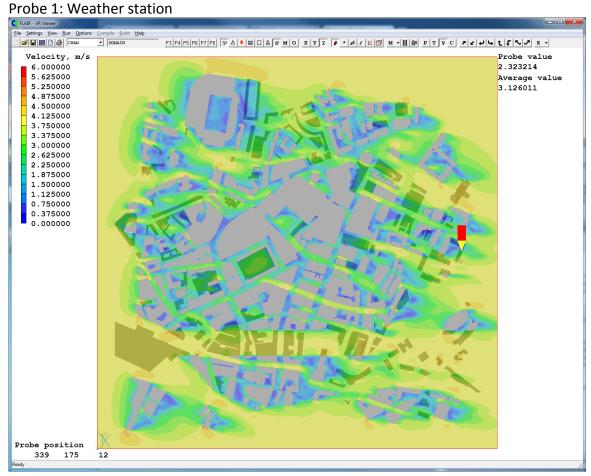


Probe 3: Exit 2

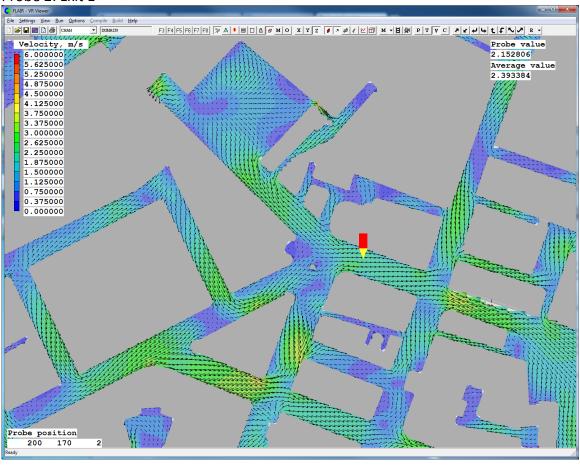


Probe 4: Exit 3

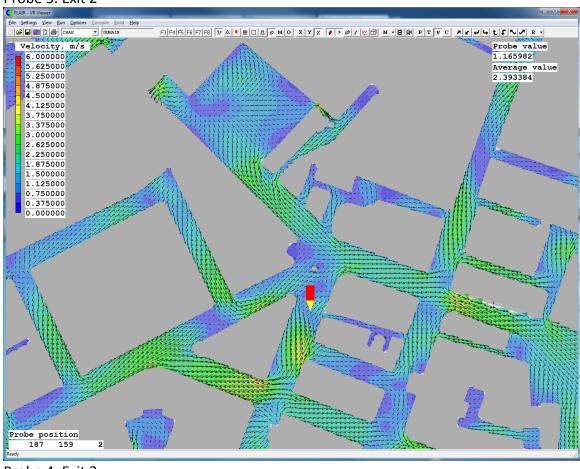




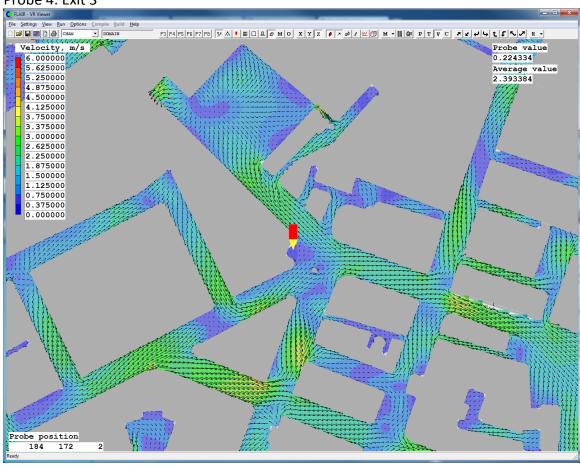
Probe 2: Exit 1



Probe 3: Exit 2

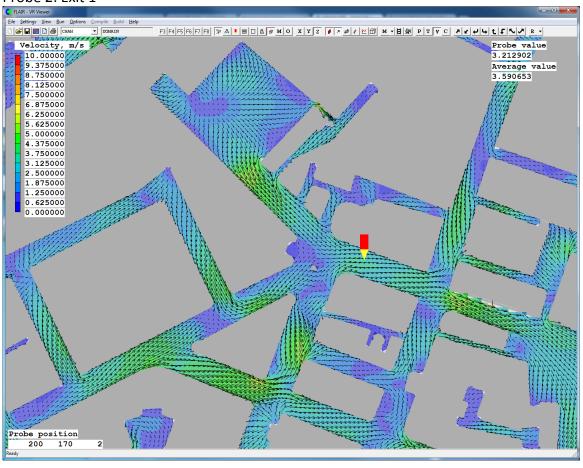


Probe 4: Exit 3

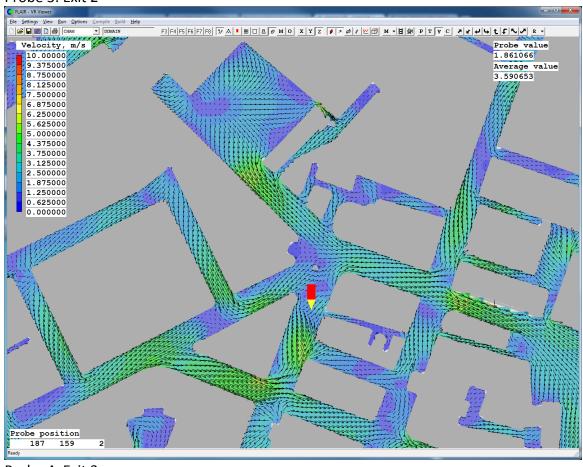




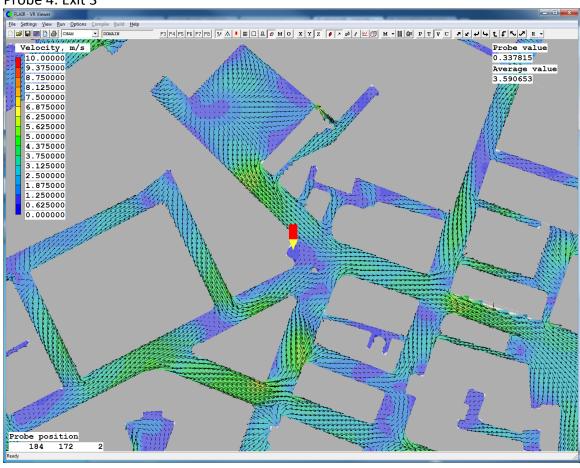
Probe 2: Exit 1



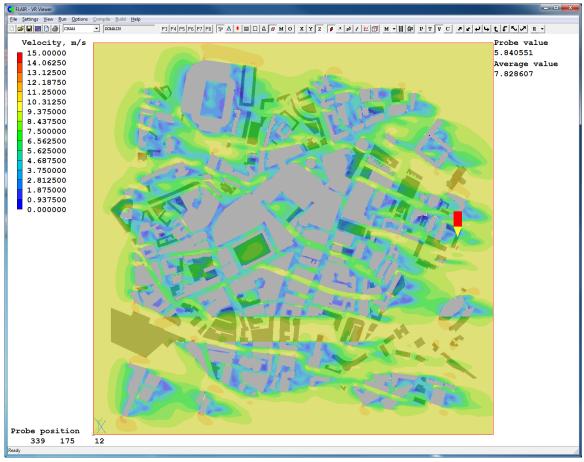
Probe 3: Exit 2



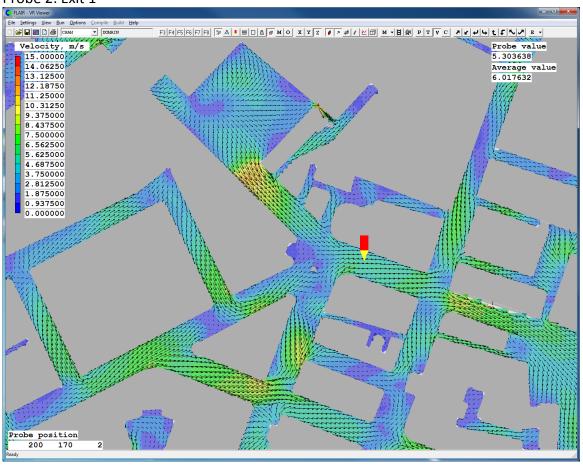
Probe 4: Exit 3



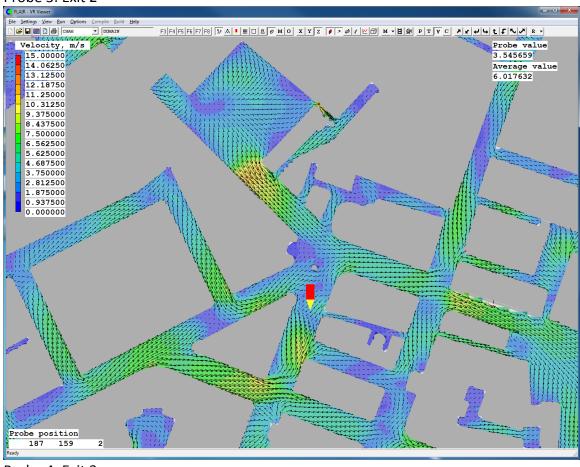
Wind speed input (m/s): 10 Probe 1: Weather station



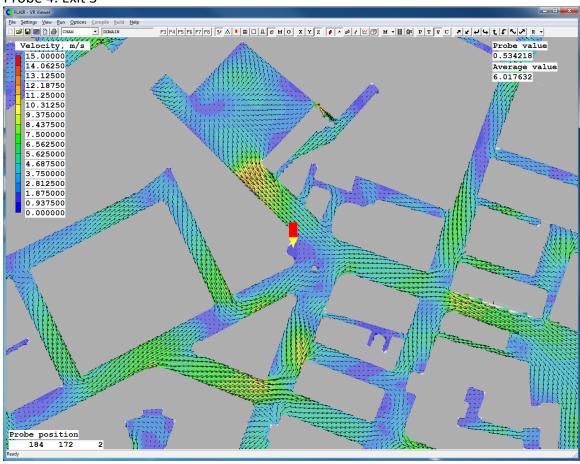
Probe 2: Exit 1



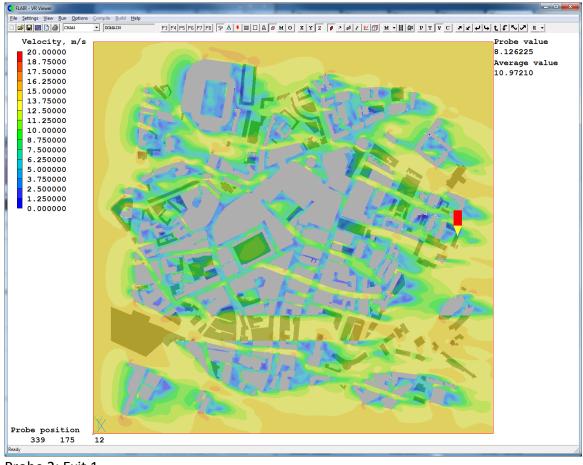
Probe 3: Exit 2



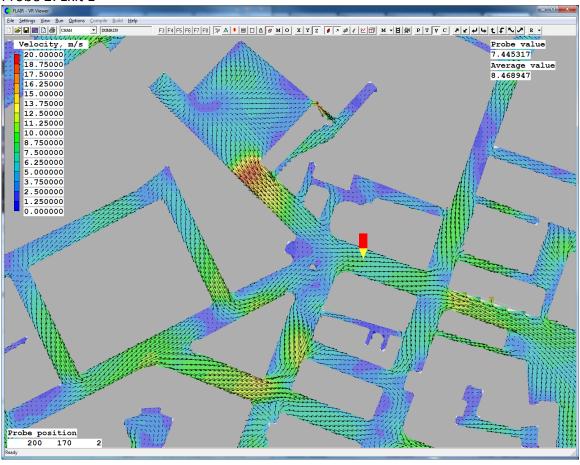
Probe 4: Exit 3



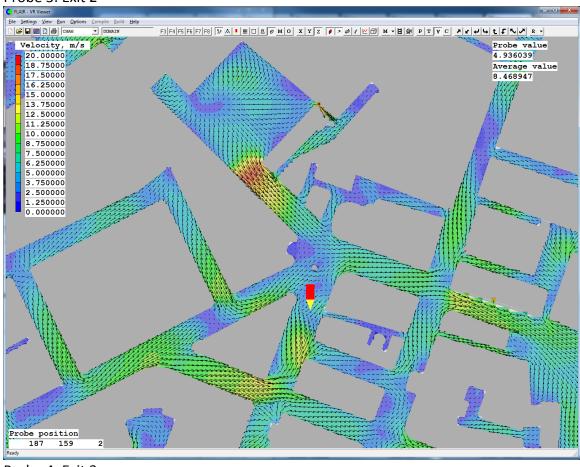
Wind speed input (m/s): 14 Probe 1: Weather station



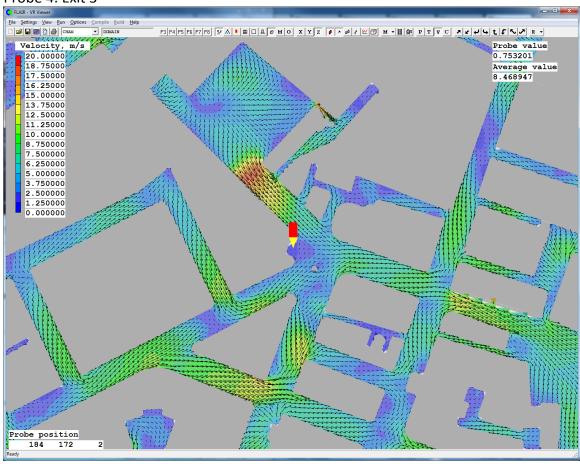




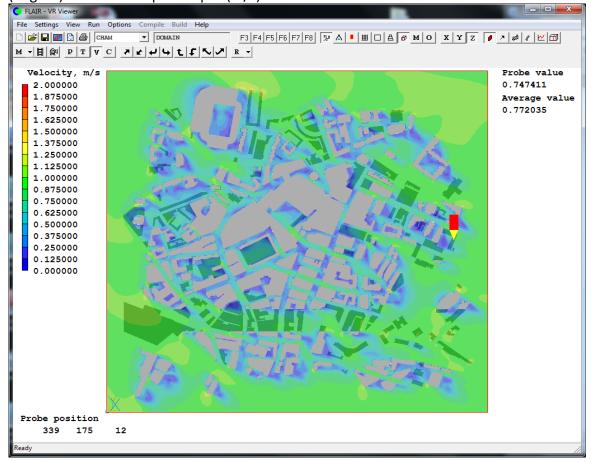
Probe 3: Exit 2



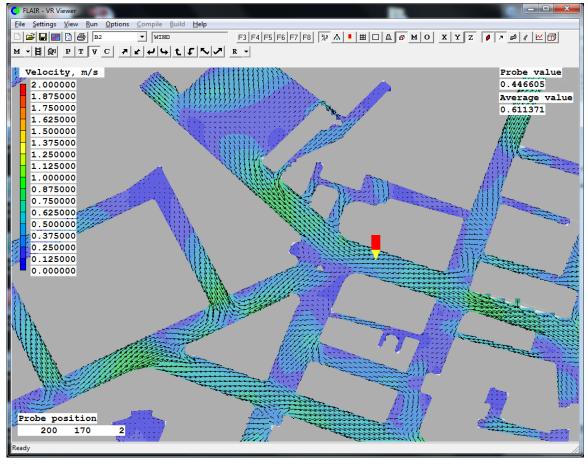
Probe 4: Exit 3



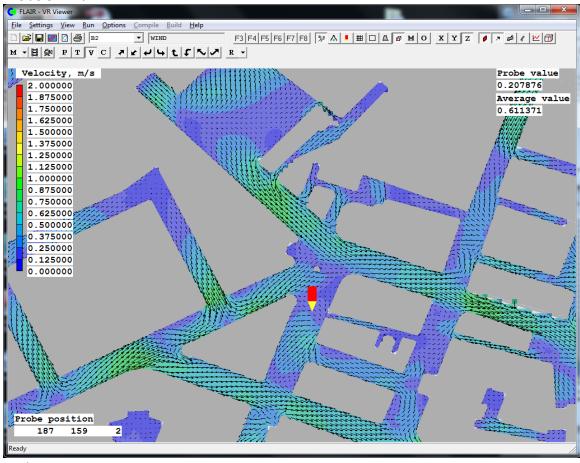
Abbreviation of wind direction: W; Wind direction (degree): 270;Phoenics input direction (degree): 310. Wind speed input (m/s): 1. Probe 1: Weather station



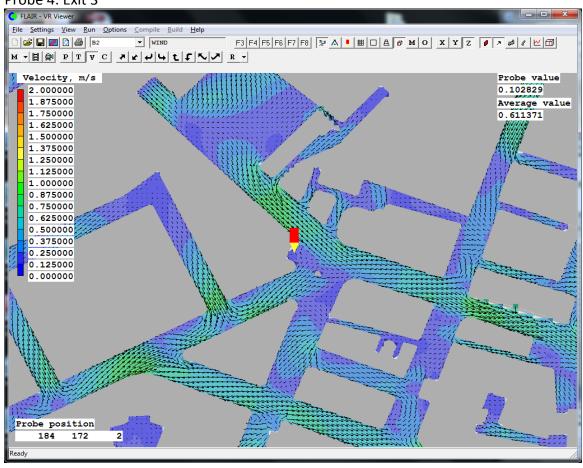
Probe 2: Exit 1



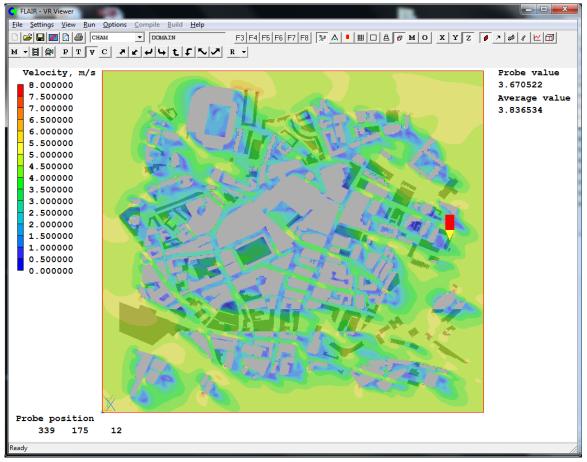
Probe 3: Exit 2



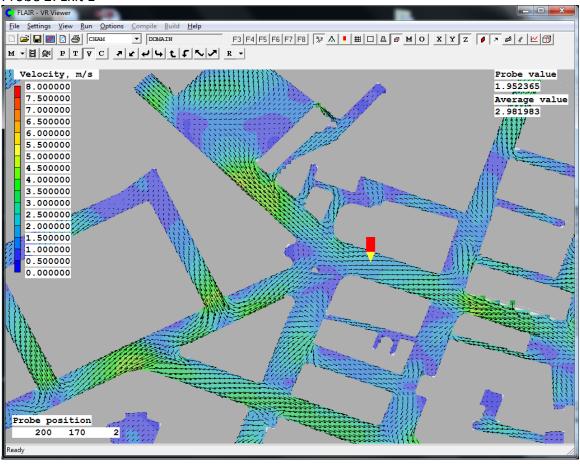
Probe 4: Exit 3



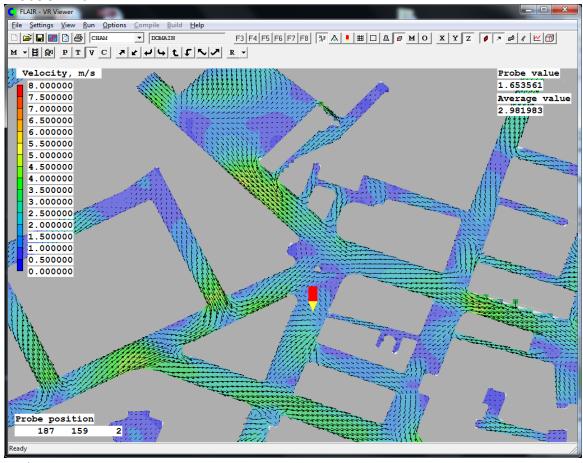
Wind speed input (m/s): 5 Probe 1: Weather station



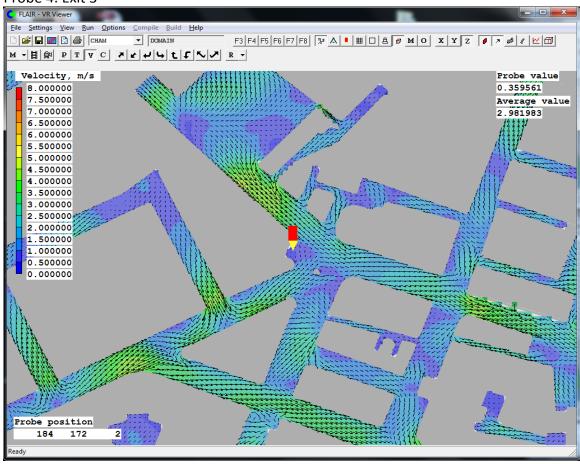
Probe 2: Exit 1

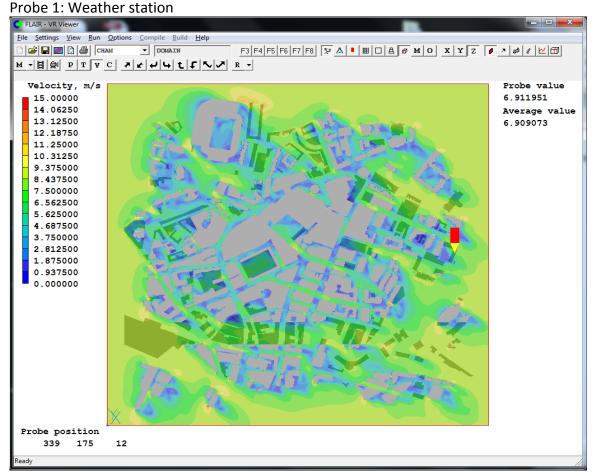


Probe 3: Exit 2

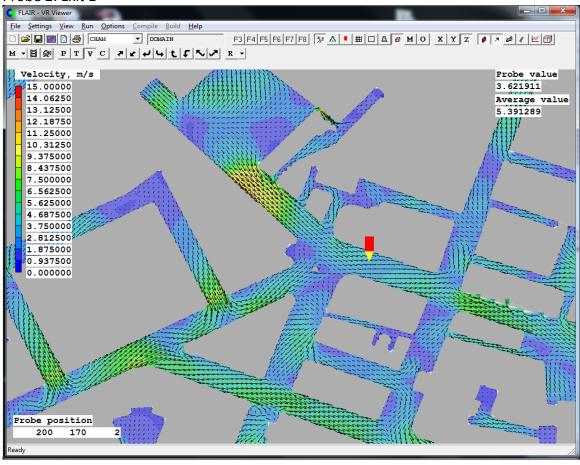


Probe 4: Exit 3

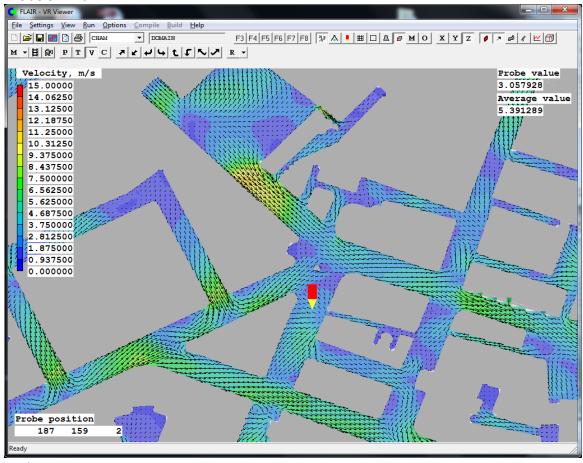




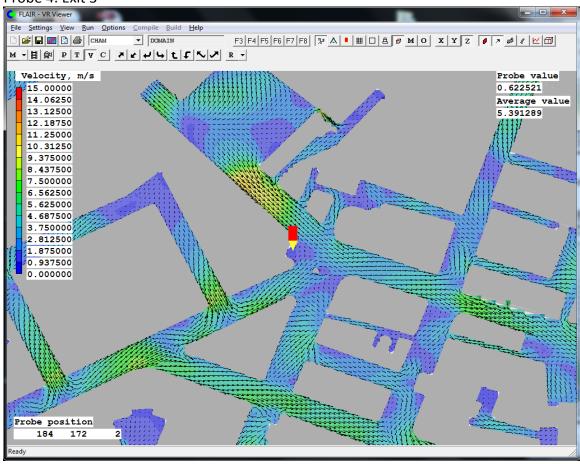
Probe 2: Exit 1



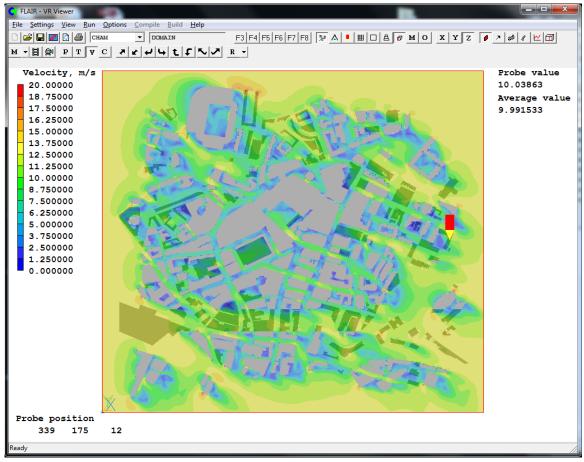
Probe 3: Exit 2



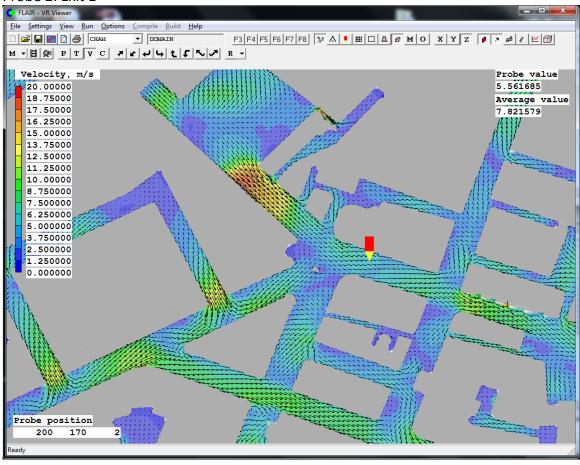
Probe 4: Exit 3



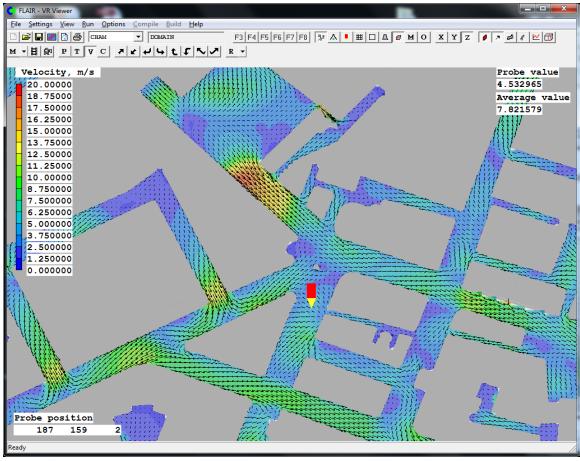
Wind speed input (m/s): 13 Probe 1: Weather station



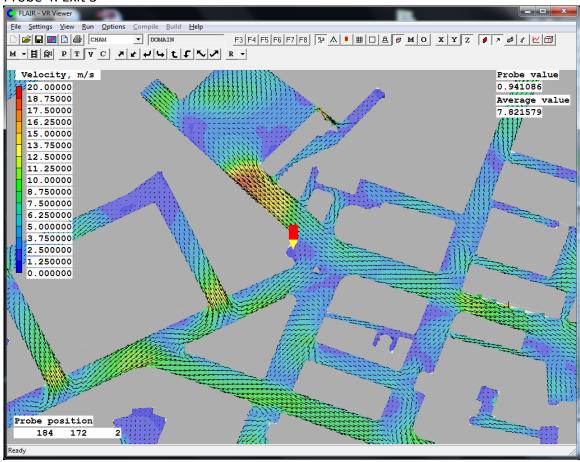
Probe 2: Exit 1



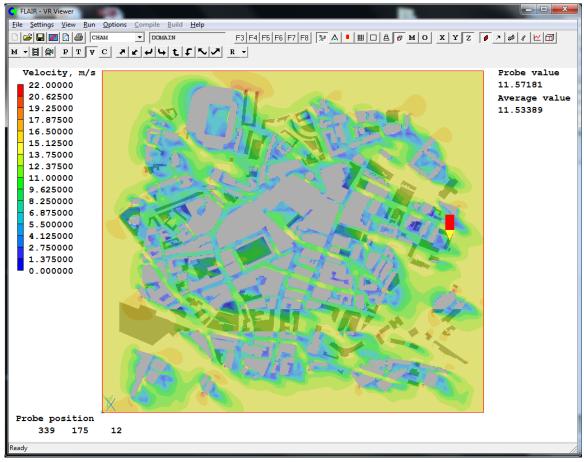
Probe 3: Exit 2



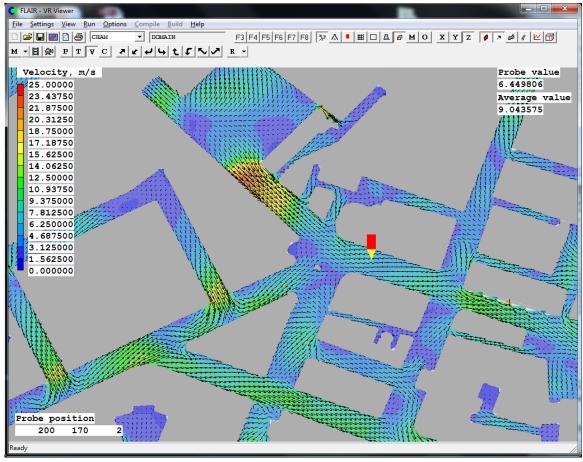
Probe 4: Exit 3



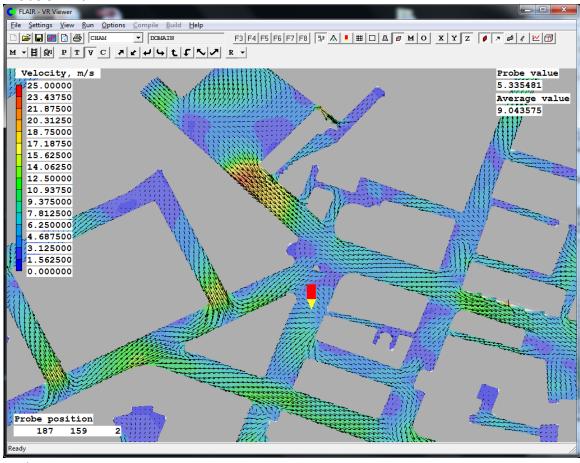
Wind speed input (m/s): 15 Probe 1: Weather station



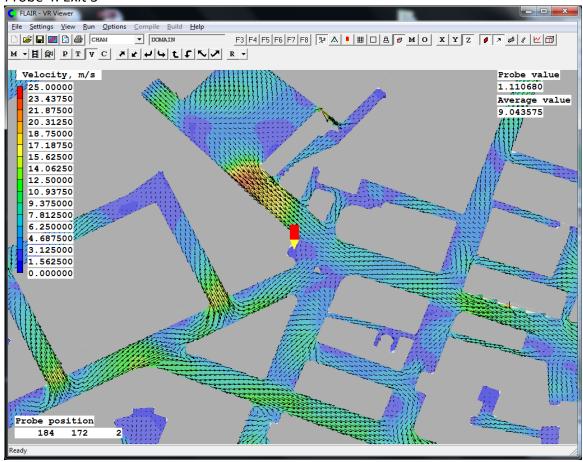
Probe 2: Exit 1



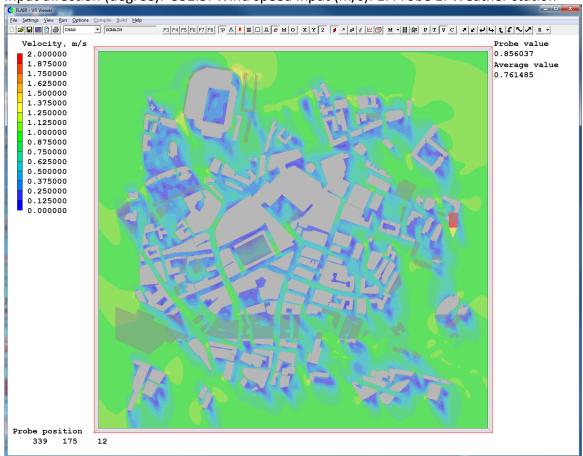
Probe 3: Exit 2



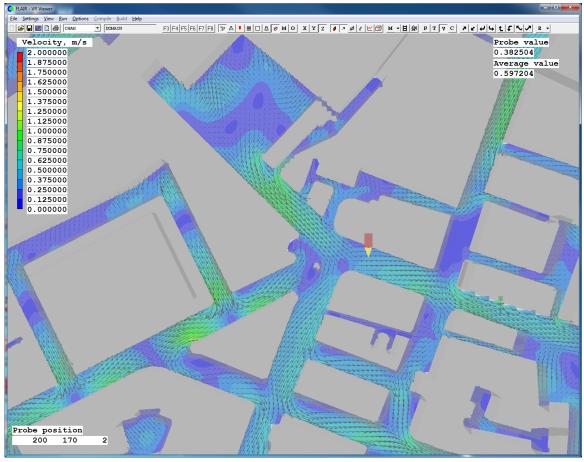
Probe 4: Exit 3



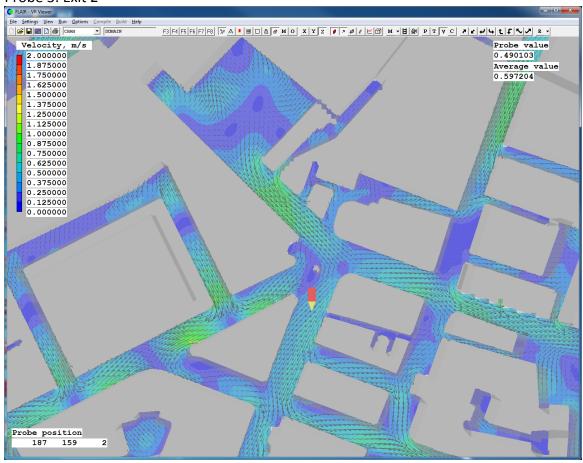
Abbreviation of wind direction: WNW; Wind directio (degree) n: 292.5; Phoenics input direction (degree): 332.5. Wind speed input (m/s): 1. Probe 1: Weather station



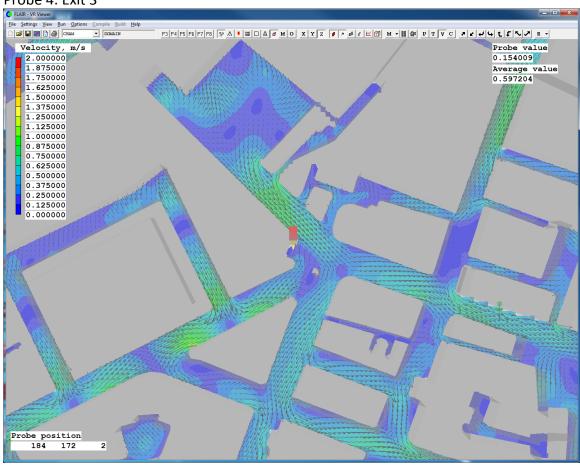
Probe 2: Exit 1



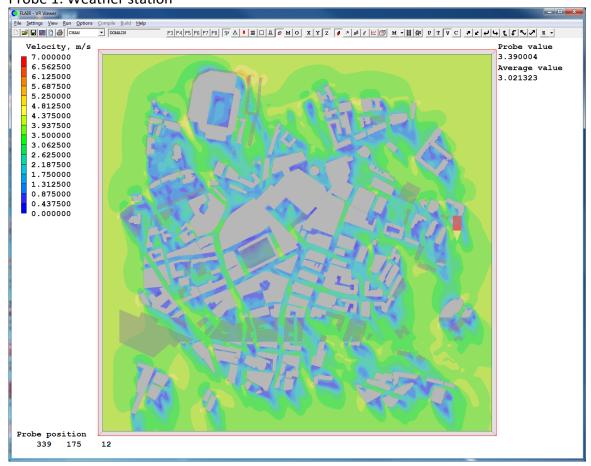
Probe 3: Exit 2



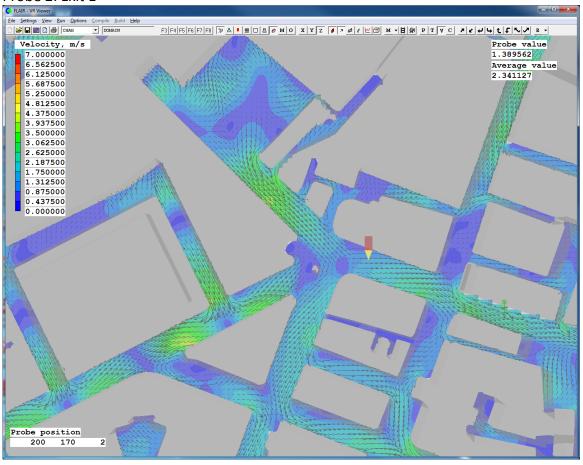
Probe 4: Exit 3



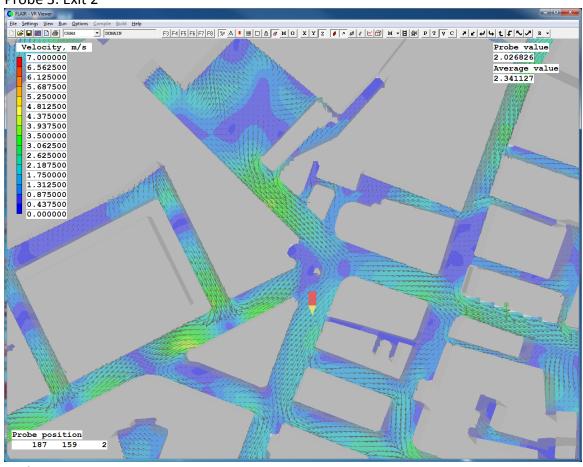
Wind speed input (m/s): 4 Probe 1: Weather station



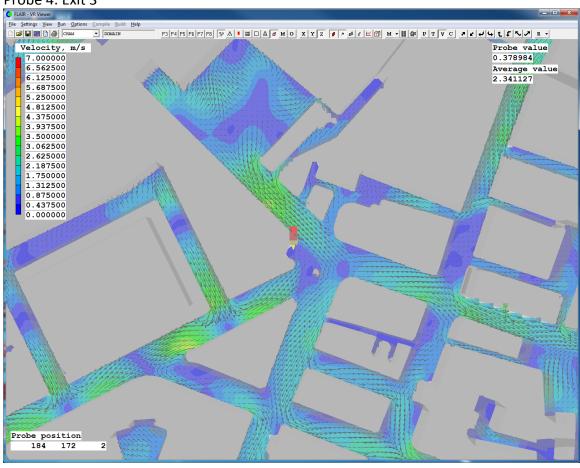
Probe 2: Exit 1



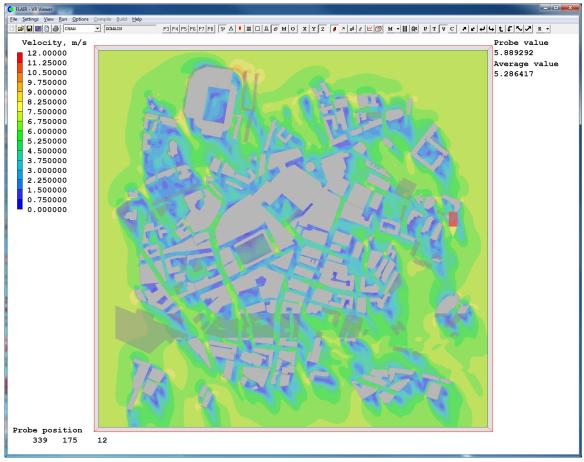
Probe 3: Exit 2



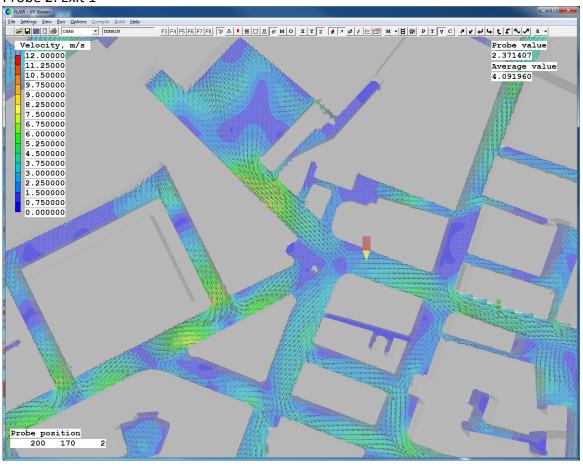
Probe 4: Exit 3



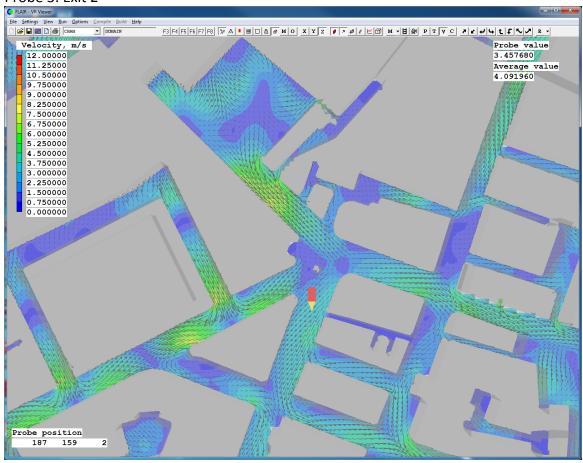
Wind speed input (m/s): 7 Probe 1: Weather station



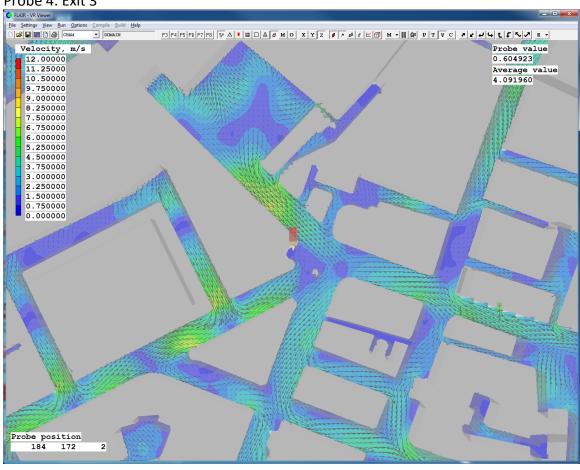
Probe 2: Exit 1



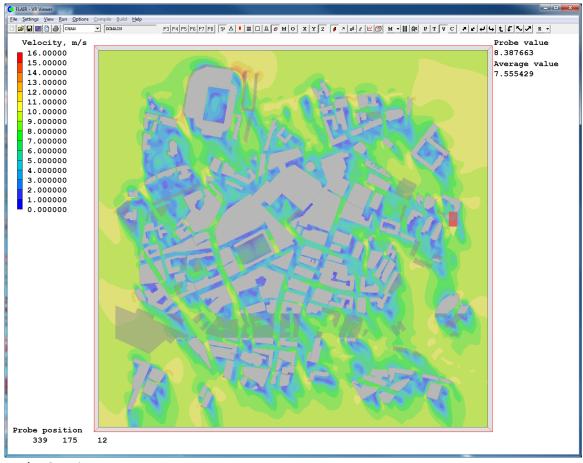
Probe 3: Exit 2



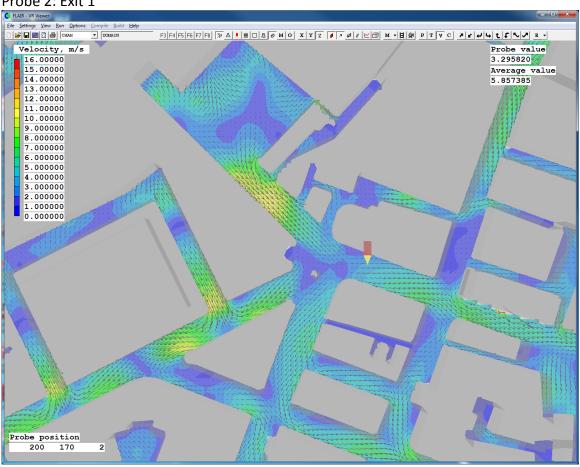
Probe 4: Exit 3



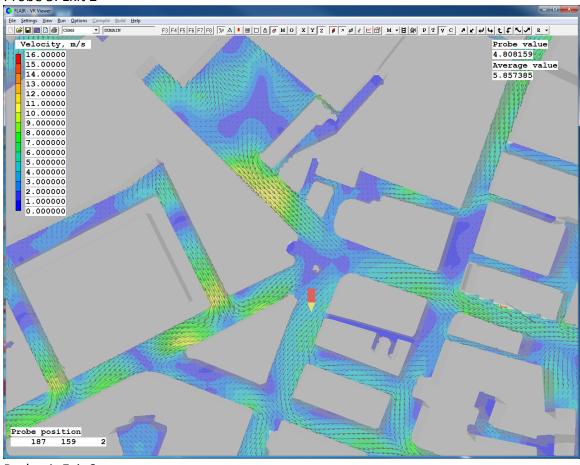
Wind speed input (m/s): 10 Probe 1: Weather station



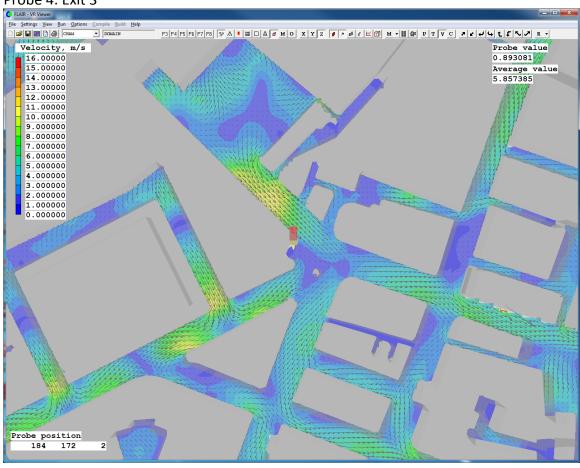
Probe 2: Exit 1



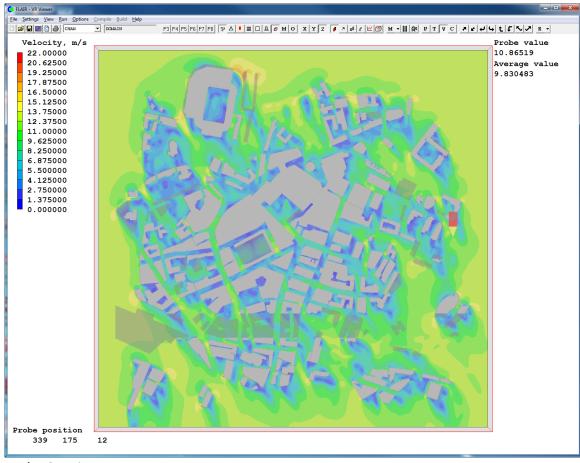
Probe 3: Exit 2



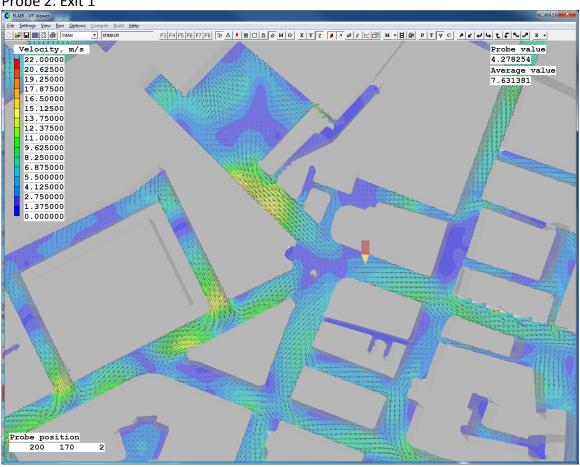
Probe 4: Exit 3



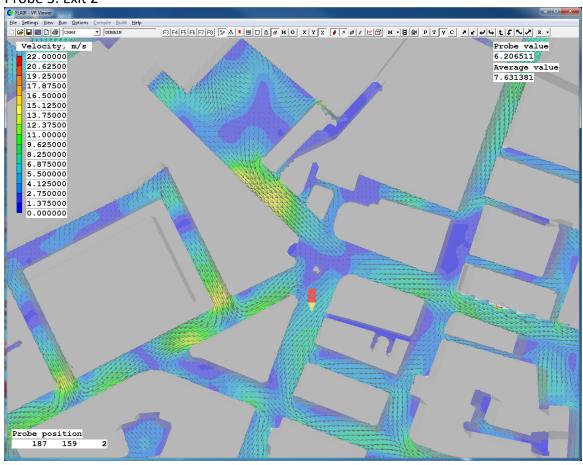
Wind speed input (m/s): 13 Probe 1: Weather station



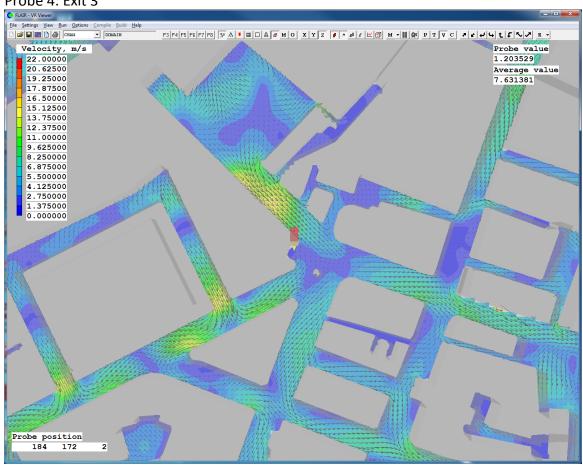
Probe 2: Exit 1



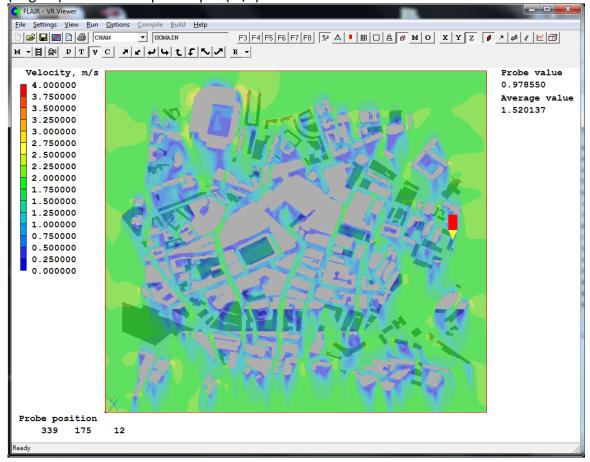
Probe 3: Exit 2



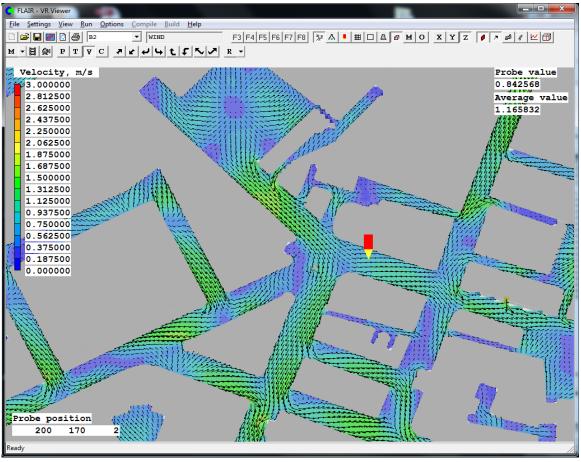
Probe 4: Exit 3



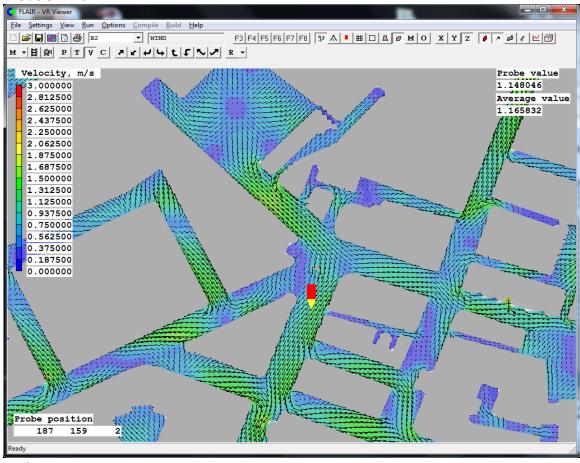
Abbreviation of wind direction: NW; Wind direction (degree): 315; Phoenics input direction (degree): 355. Wind speed input (m/s): 2. Probe 1: Weather station



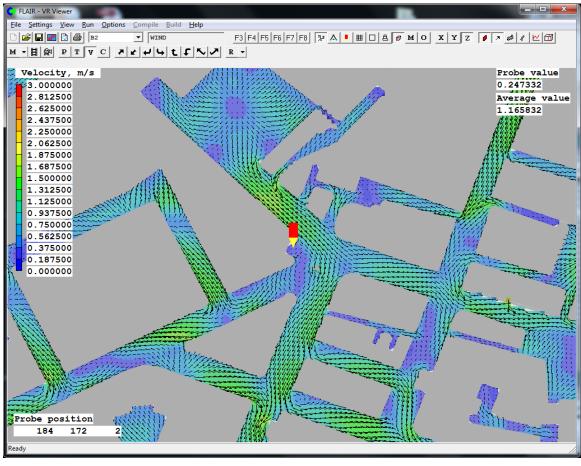
Probe 2: Exit 1



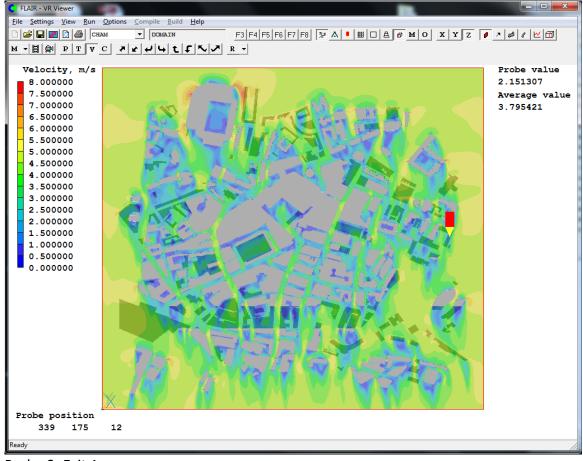
Probe 3: Exit 2



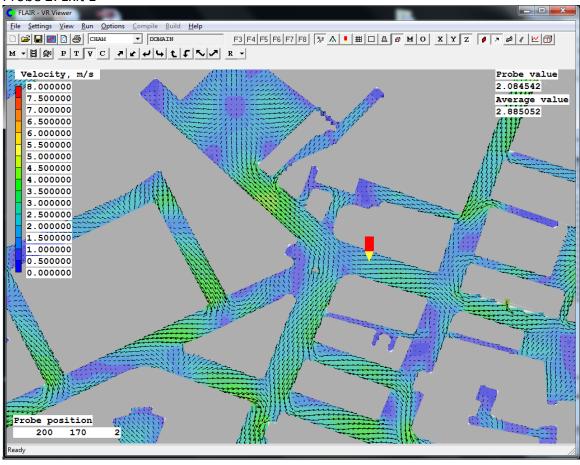
Probe 4: Exit 3



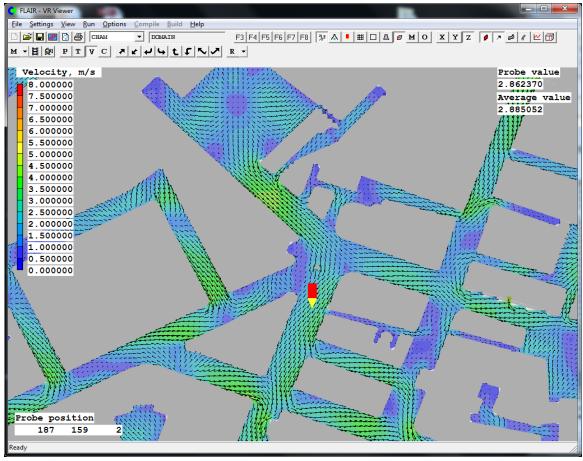
Wind speed input (m/s): 5 Probe 1: Weather station



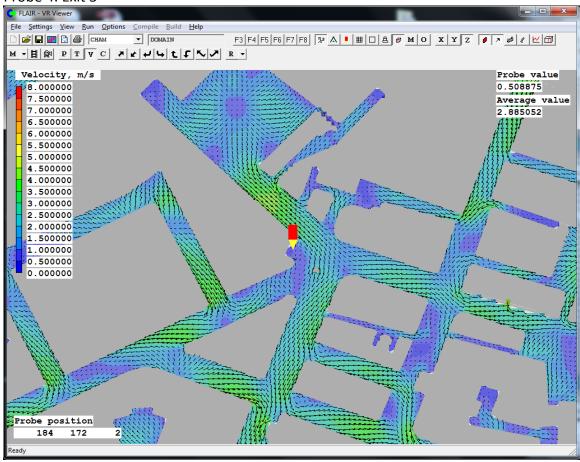
Probe 2: Exit 1

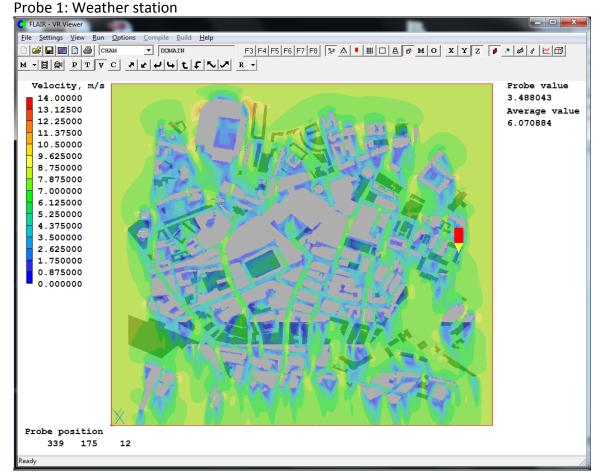


Probe 3: Exit 2

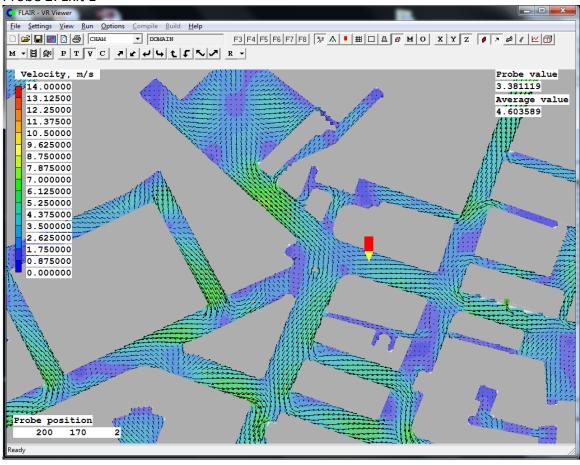


Probe 4: Exit 3

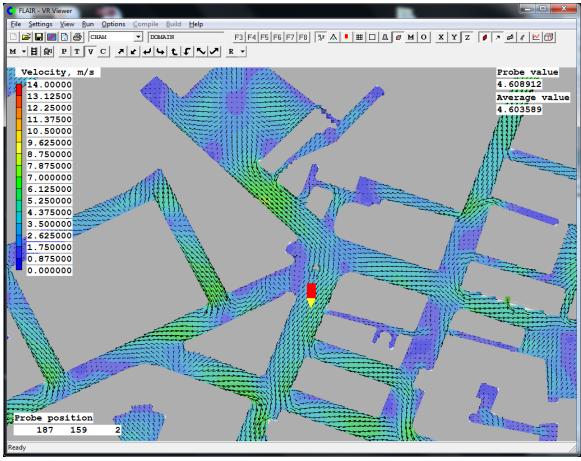




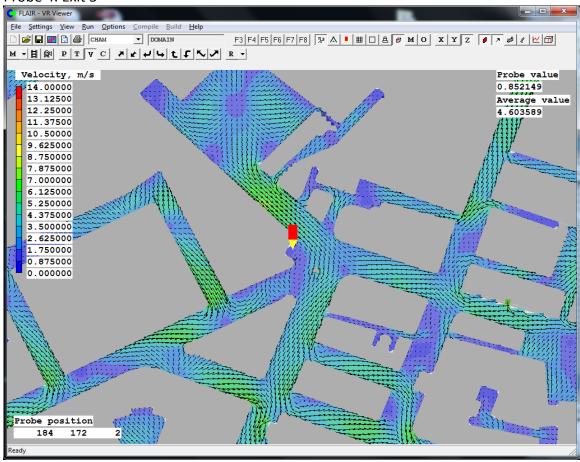
Probe 2: Exit 1



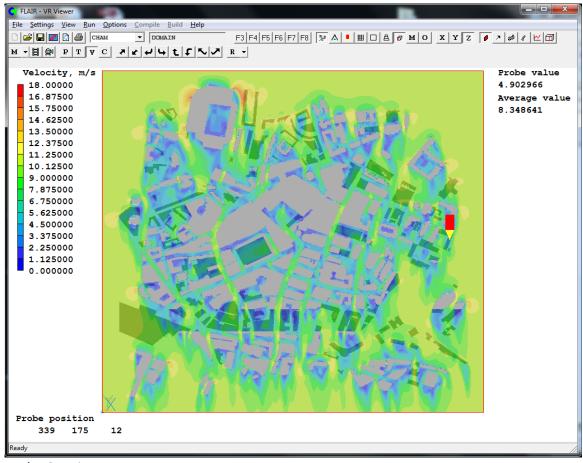
Probe 3: Exit 2



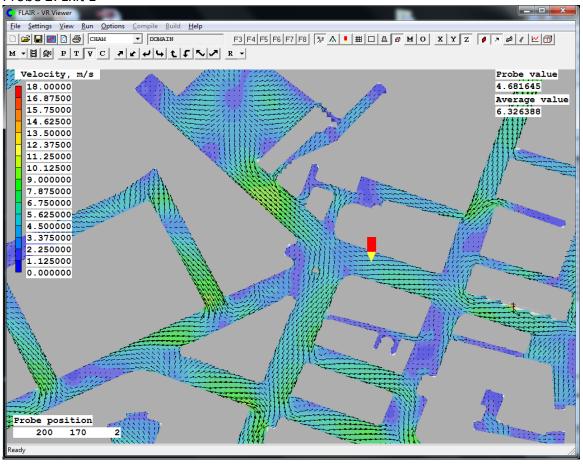
Probe 4: Exit 3



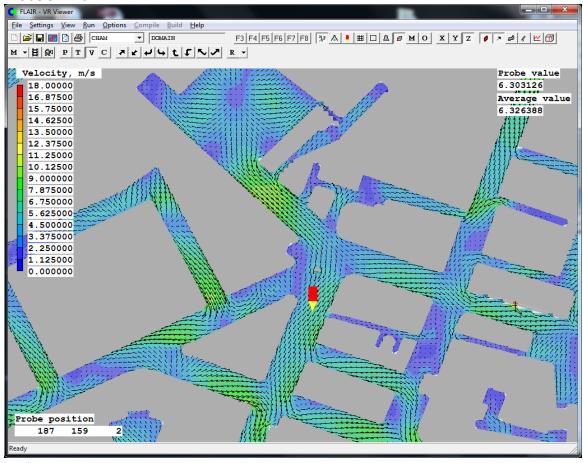
Wind speed input (m/s): 11 Probe 1: Weather station



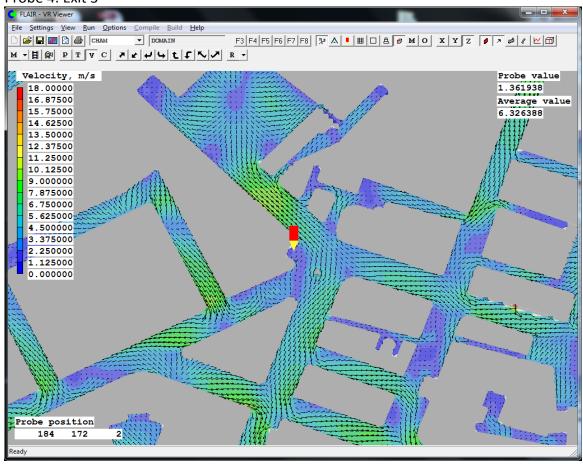
Probe 2: Exit 1

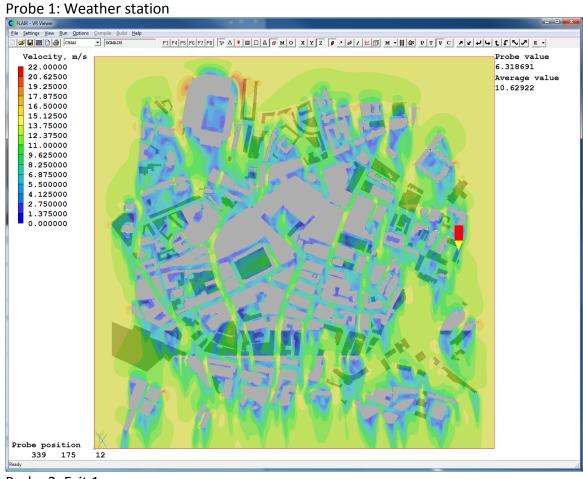


Probe 3: Exit 2

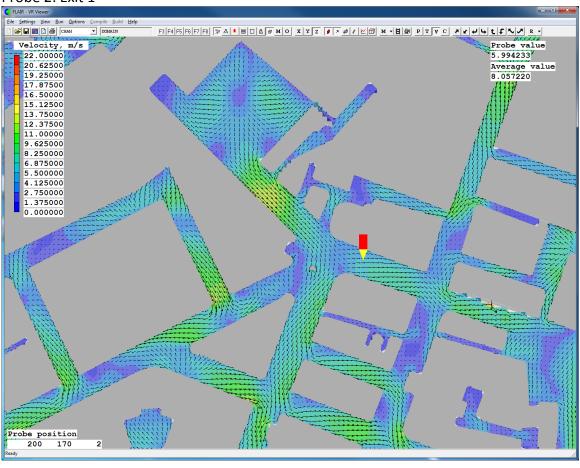


Probe 4: Exit 3

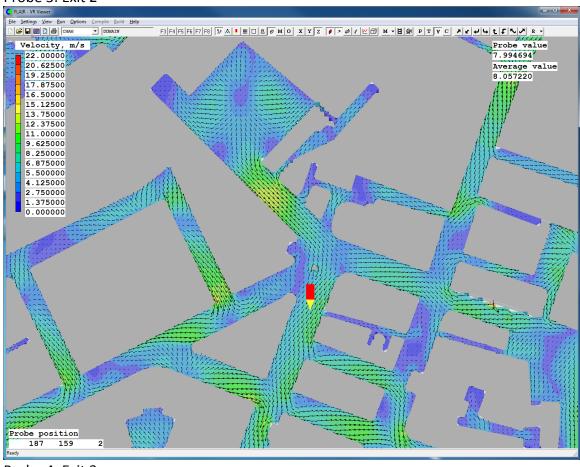




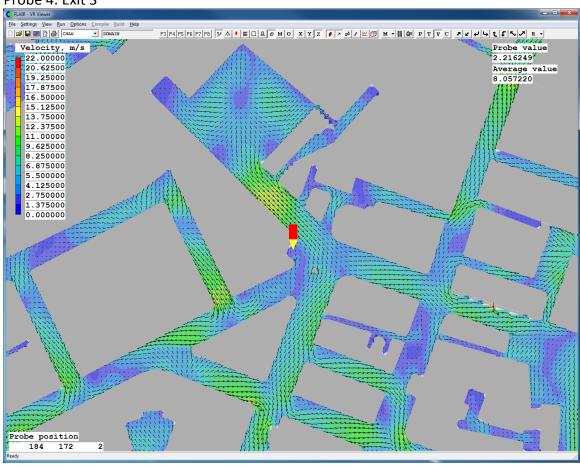
Probe 2: Exit 1



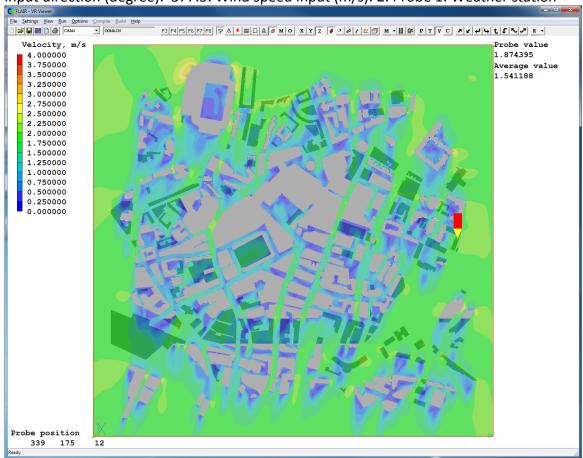
Probe 3: Exit 2



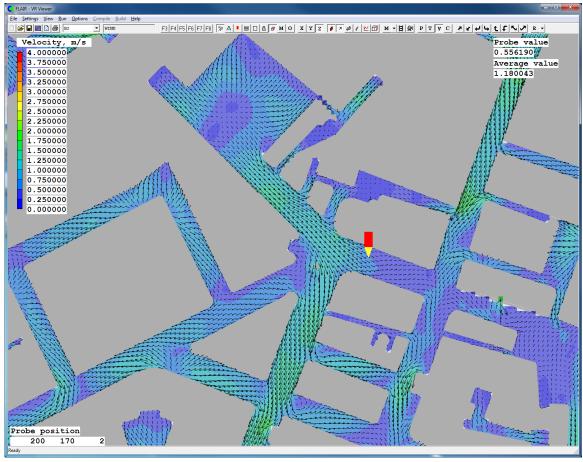
Probe 4: Exit 3



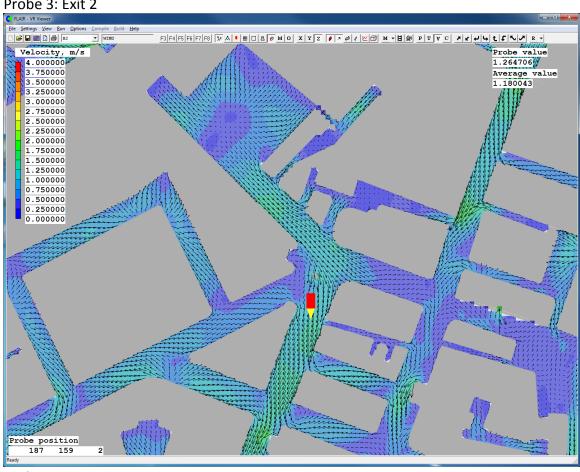
Abbreviation of wind direction: NNW; Wind direction (degree): 337.5; Phoenics input direction (degree): 377.5. Wind speed input (m/s): 2. Probe 1: Weather station



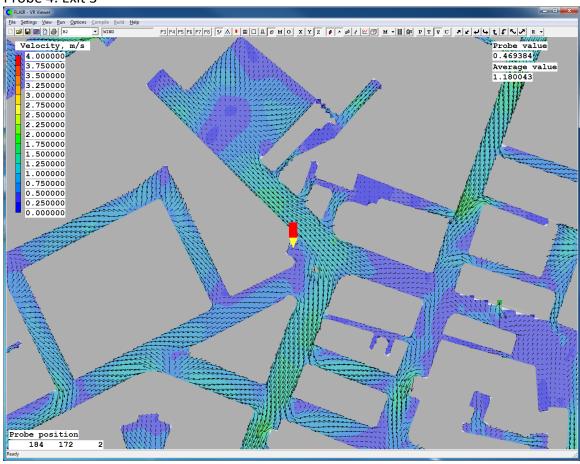
Probe 2: Exit 1



Probe 3: Exit 2

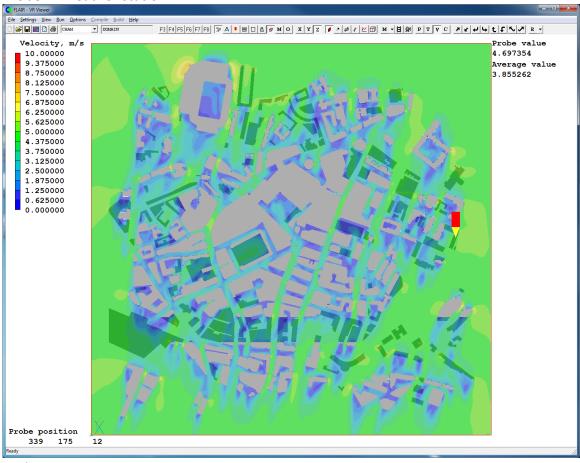


Probe 4: Exit 3

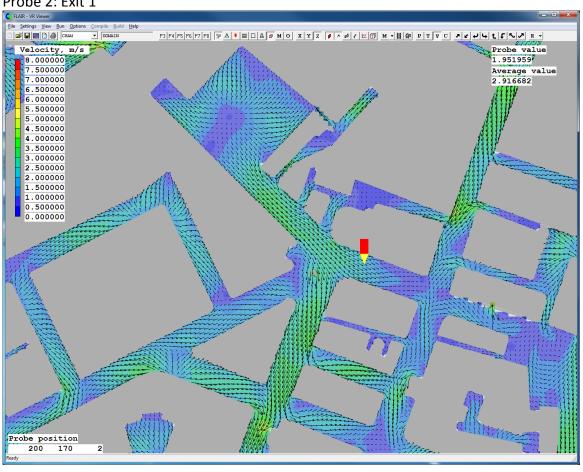


Wind speed input (m/s): 5

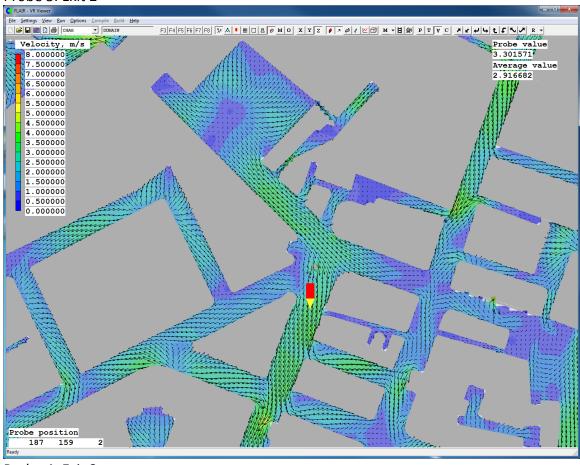
Probe 1: Weather station



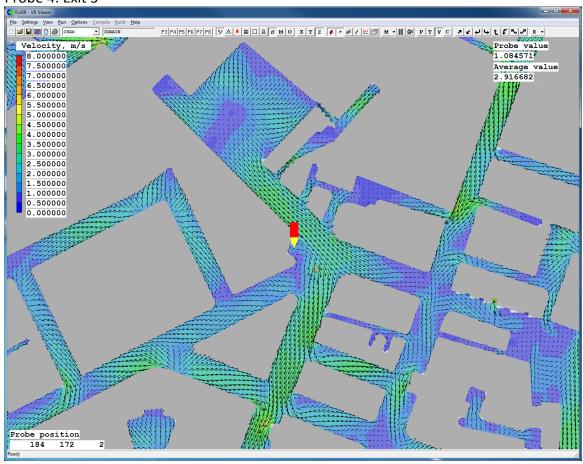
Probe 2: Exit 1

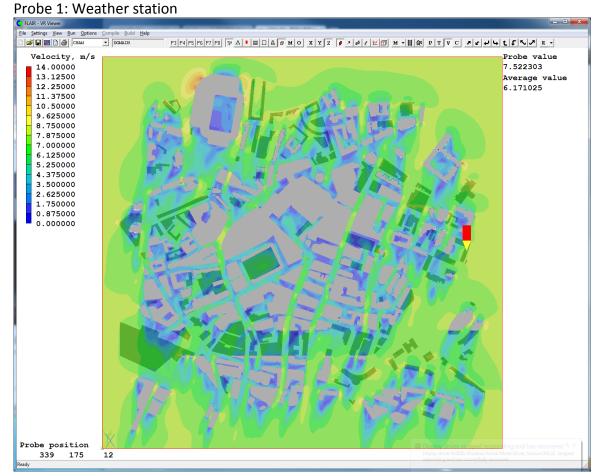


Probe 3: Exit 2

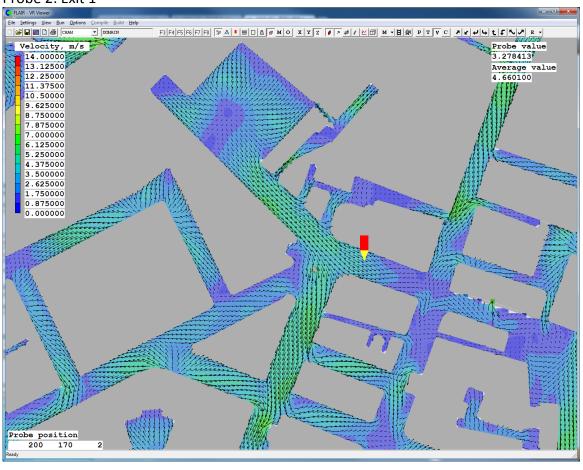


Probe 4: Exit 3

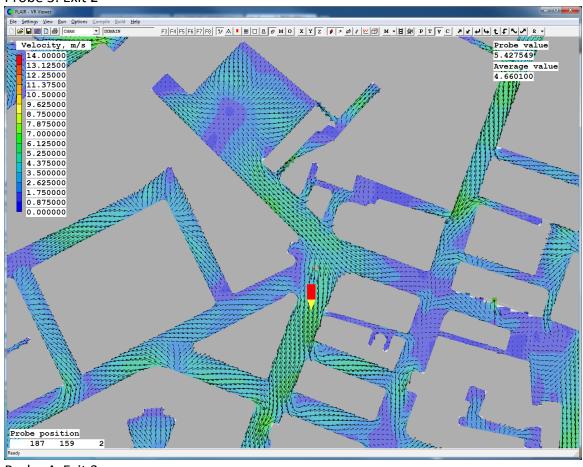




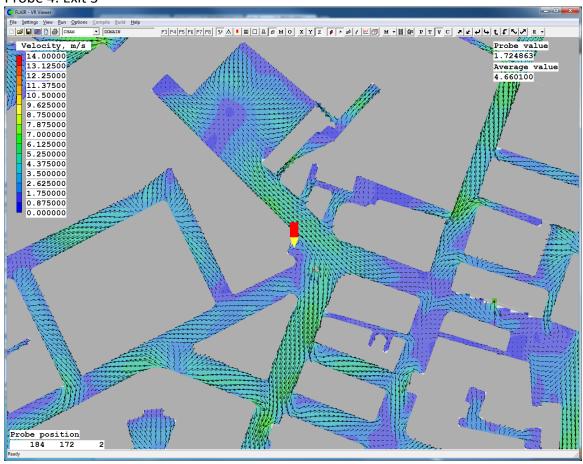




Probe 3: Exit 2

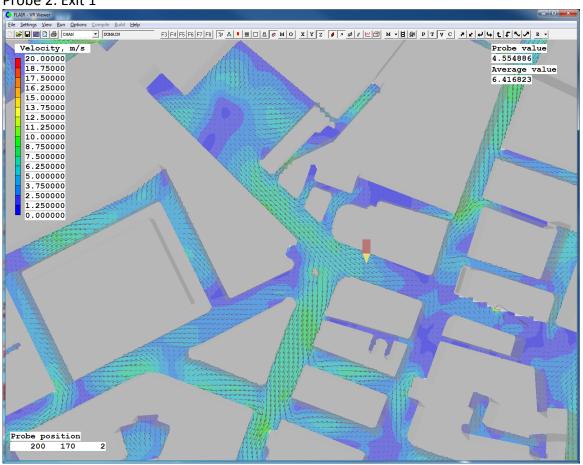


Probe 4: Exit 3

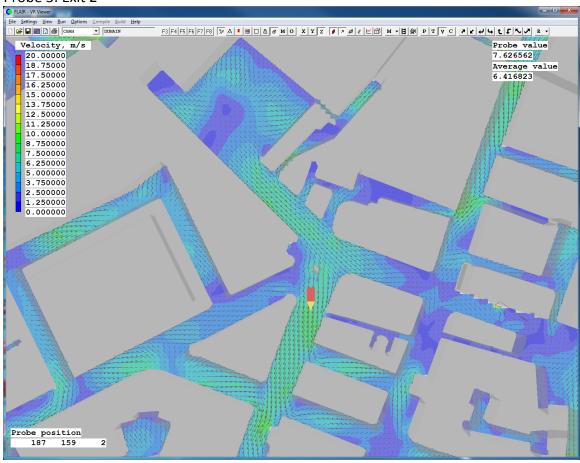




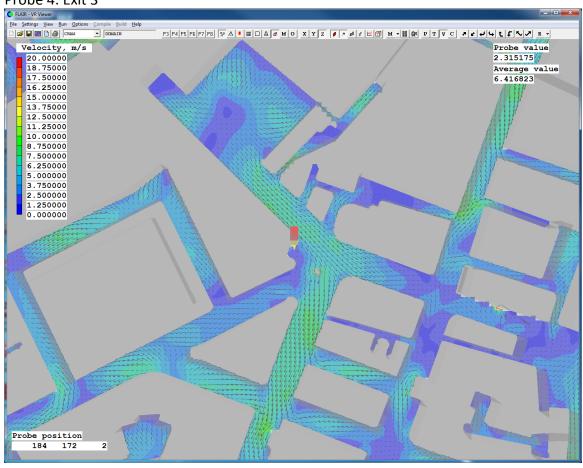
Probe 2: Exit 1



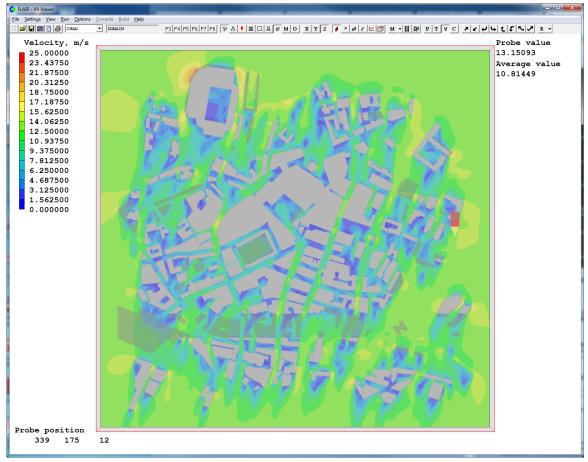
Probe 3: Exit 2



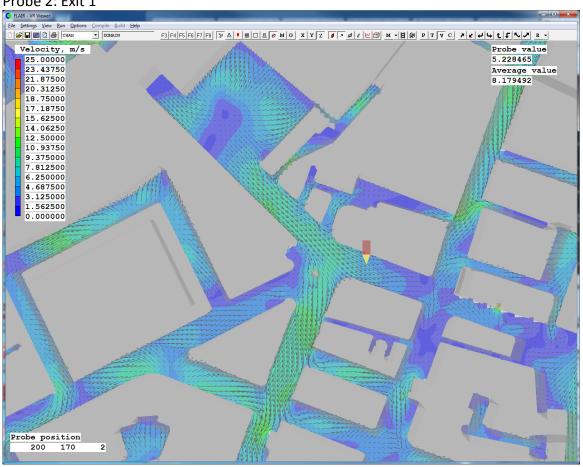
Probe 4: Exit 3



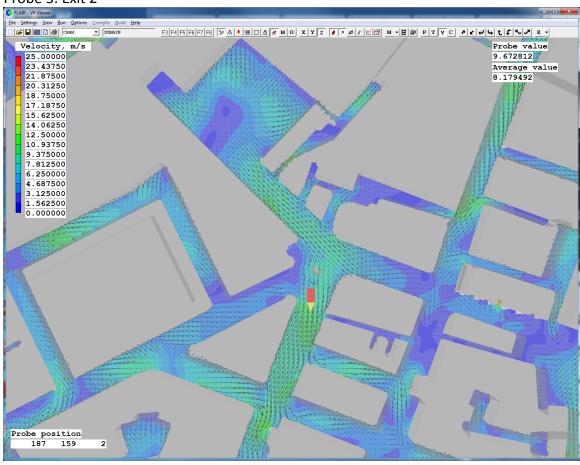
Probe 1: Weather station



Probe 2: Exit 1



Probe 3: Exit 2



Probe 4: Exit 3

