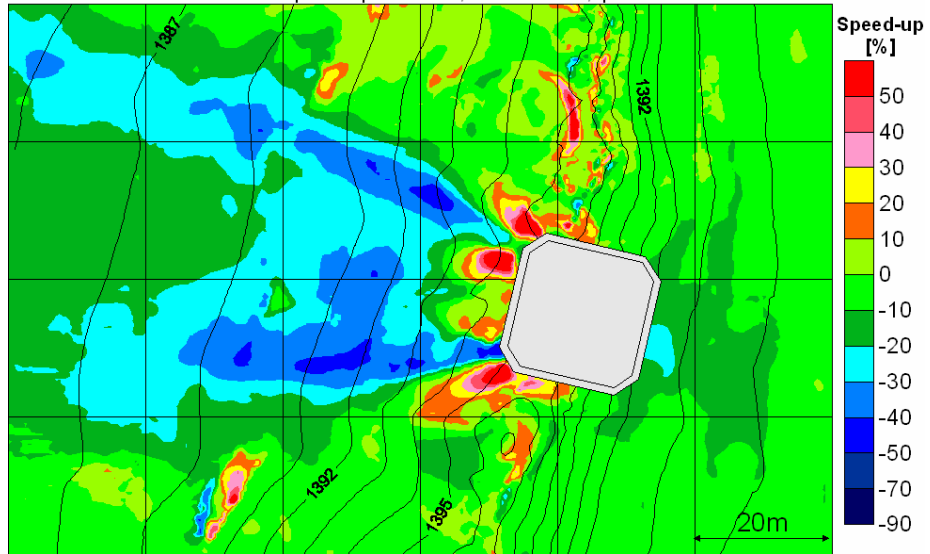


Fig 2.24: WTT-2 - Building free scale model of the terrain

Speed-up contour map

Test 60: Concept 9 optimized, Wind 101, pillars at 1m



Speed-up contour map

Test 63: Concept 9 optimized, Wind 101, pillars at 1m

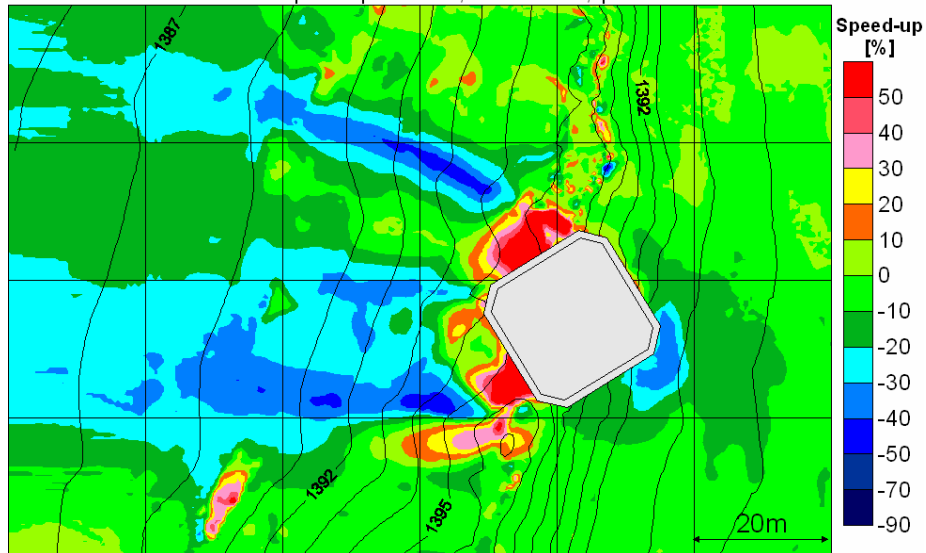


Fig 2.25: Wind speed up map (in %) due to building integration showing accumulation zones (blue) and erosion areas (red). Both integration variants are shown, (geometries not optimised) without garage/storage building.



Fig 2.26WTT-3: Sand erosion testing with garage building integrated.

2.4.6. Station surroundings

The diagram below shows the organization for the different elements to be integrated in the base vicinity. This layout illustrates the relation of the base main building(s) versus the areas with a designated function.