Project Info

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Project description

The project Transferium Almere 2.0 was developed in two separate but tightly connected stages. The networked urban solution and wind informed geometry of main Transferium volumes. The development of urban solution ran in fall term. The solution is reflecting changes needed in development of new cities’ extensions. The current master plans served as informational base for new networked system that is capable of changes in real time. The result is swarm based active system that operates on functional level of urban development. The testing platform however doesn’t operate on level of physical volume, but contained all information needed for determining final master plan for new area. The system is based on general rules, and can be theoretically used for any city extension. The research into wind systems tries to cover unexplored territories in building integrated wind energy systems, and implements new parametric tools from urban phase. The final design is a unique solution to the problems that operates between realms of computation design, engineering and sustainable design.