



Energy Uses

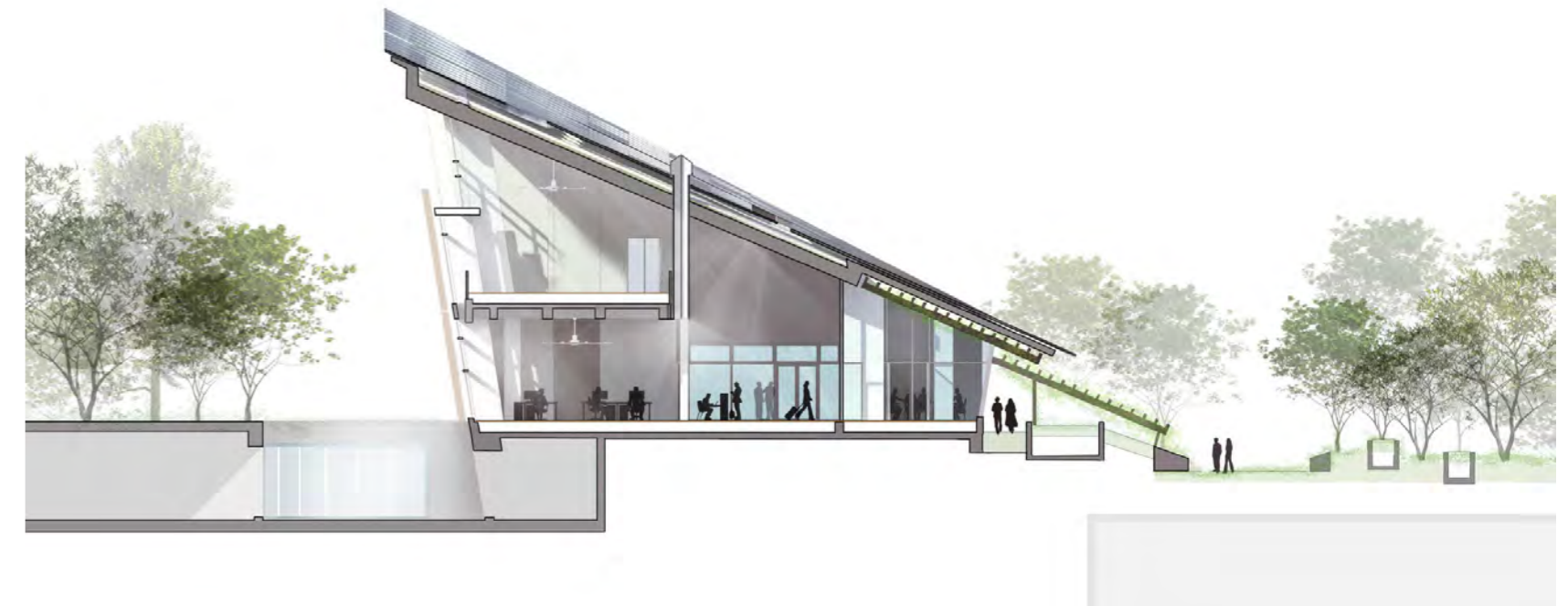
Reduction of Carbon Emission



Zero Carbon Building



Passive Design Strategy

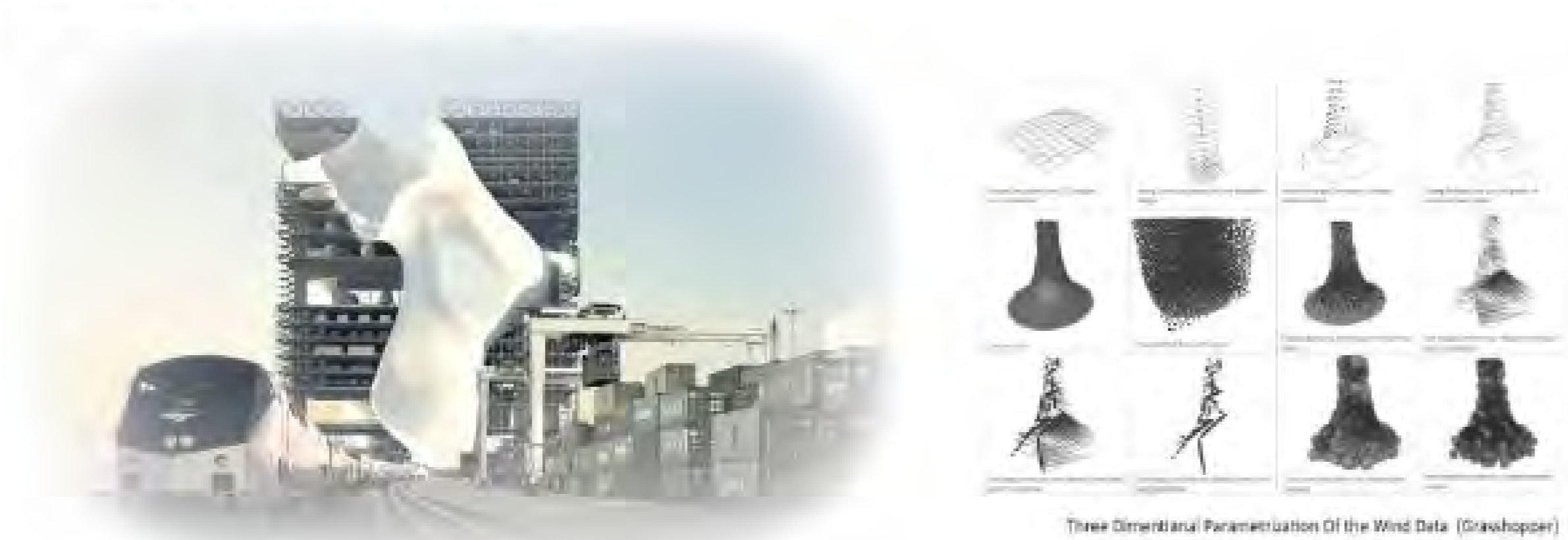


PV Solar Panel storing Solar Energy

Renewable Energy

Wind Tower

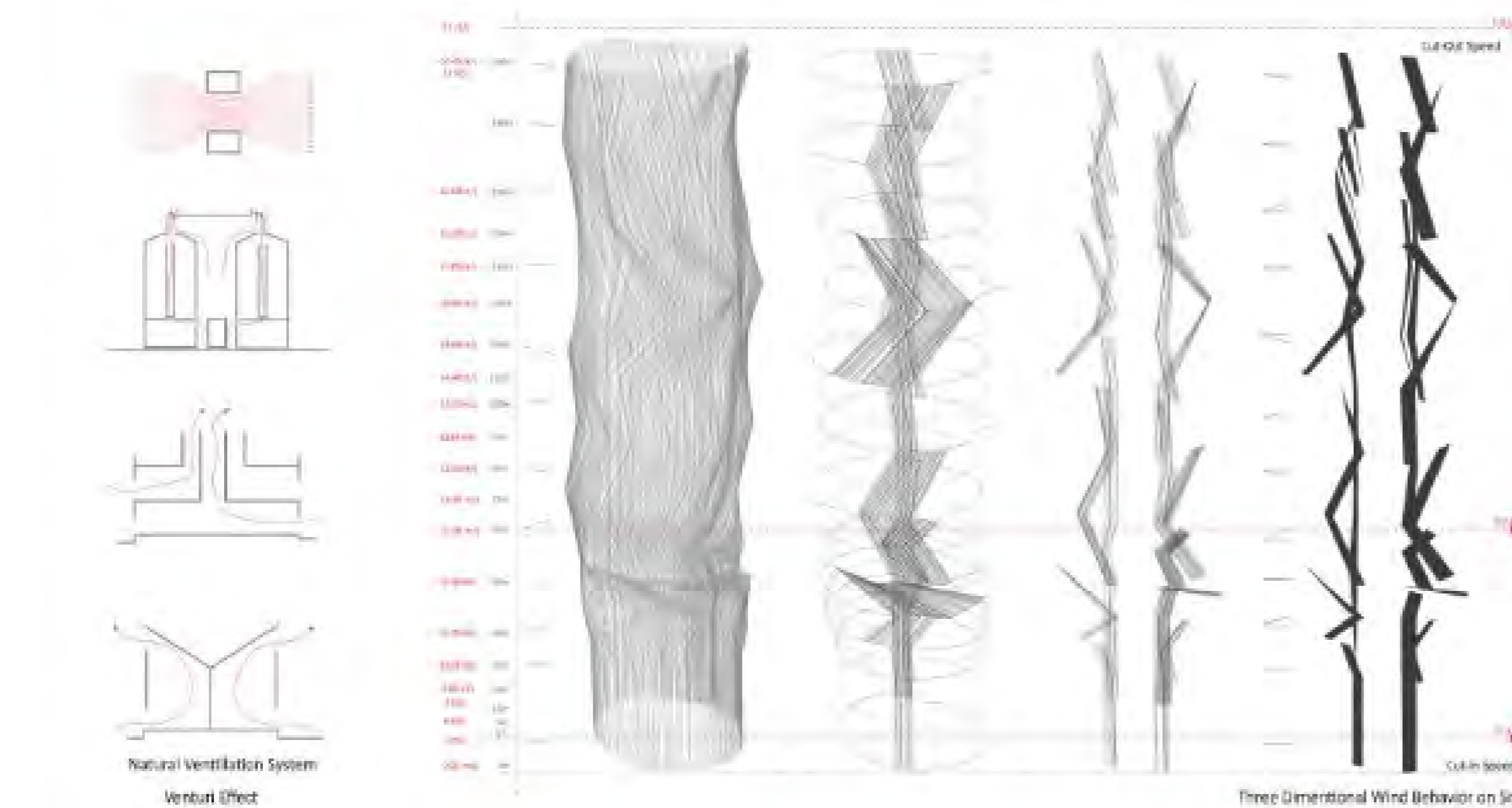
The industry is providing Wind Energy to the Railway System while the train is importing natural eco-friendly resources to the Wind Tower for the fabrication of wind turbine.



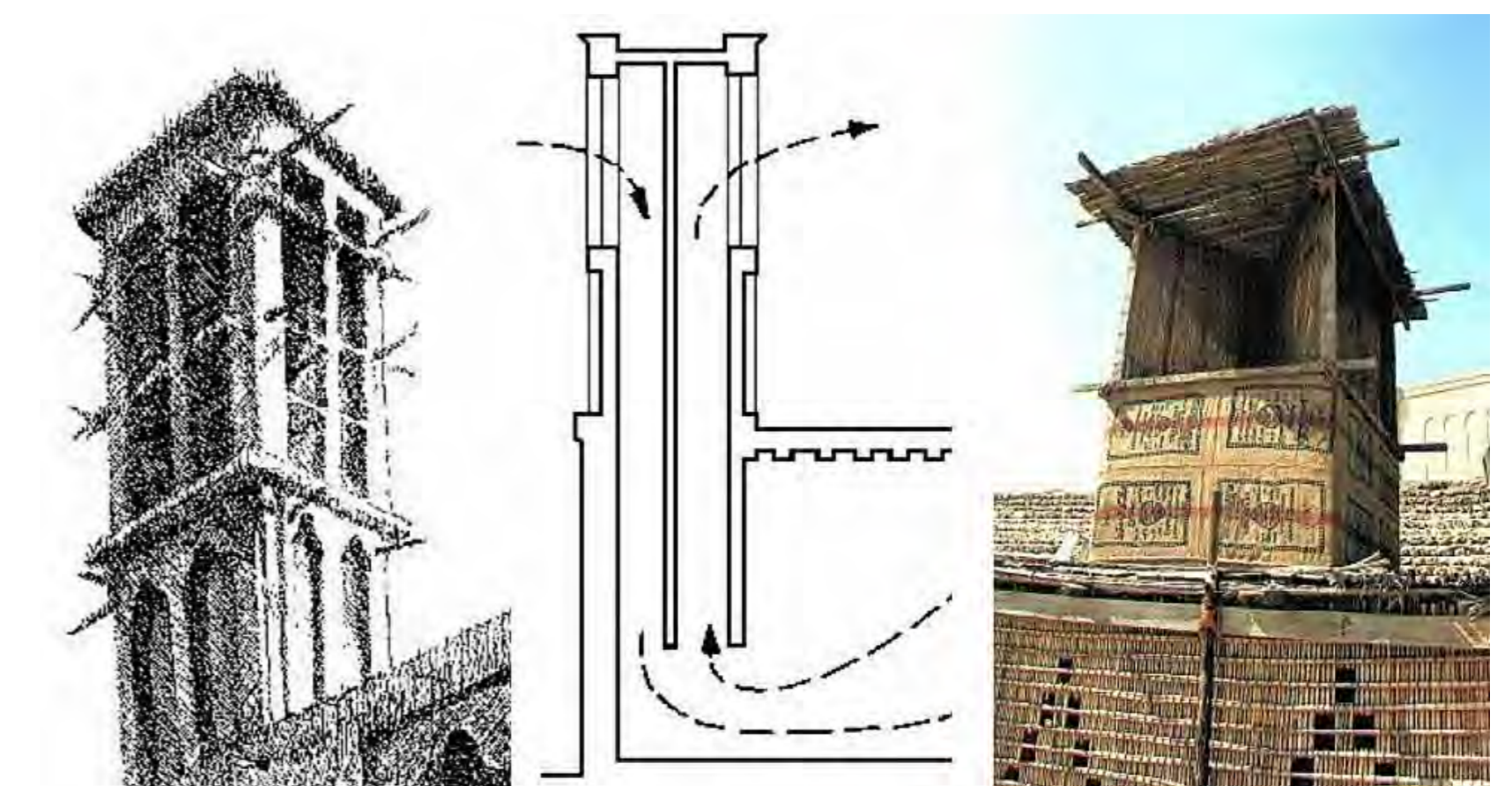
Three Dimensional Parameterization Of the Wind Data (Grasshopper)



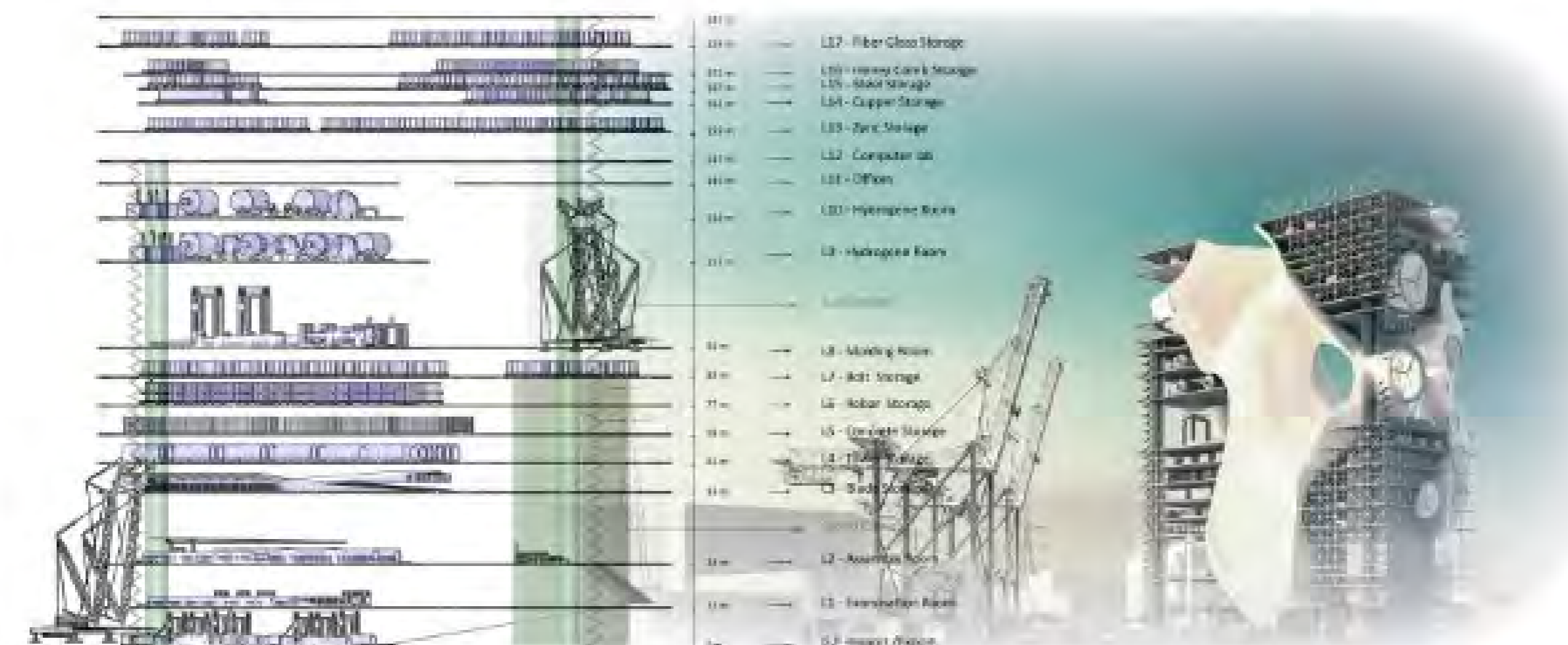
Railway Station utilizing Wind Energy



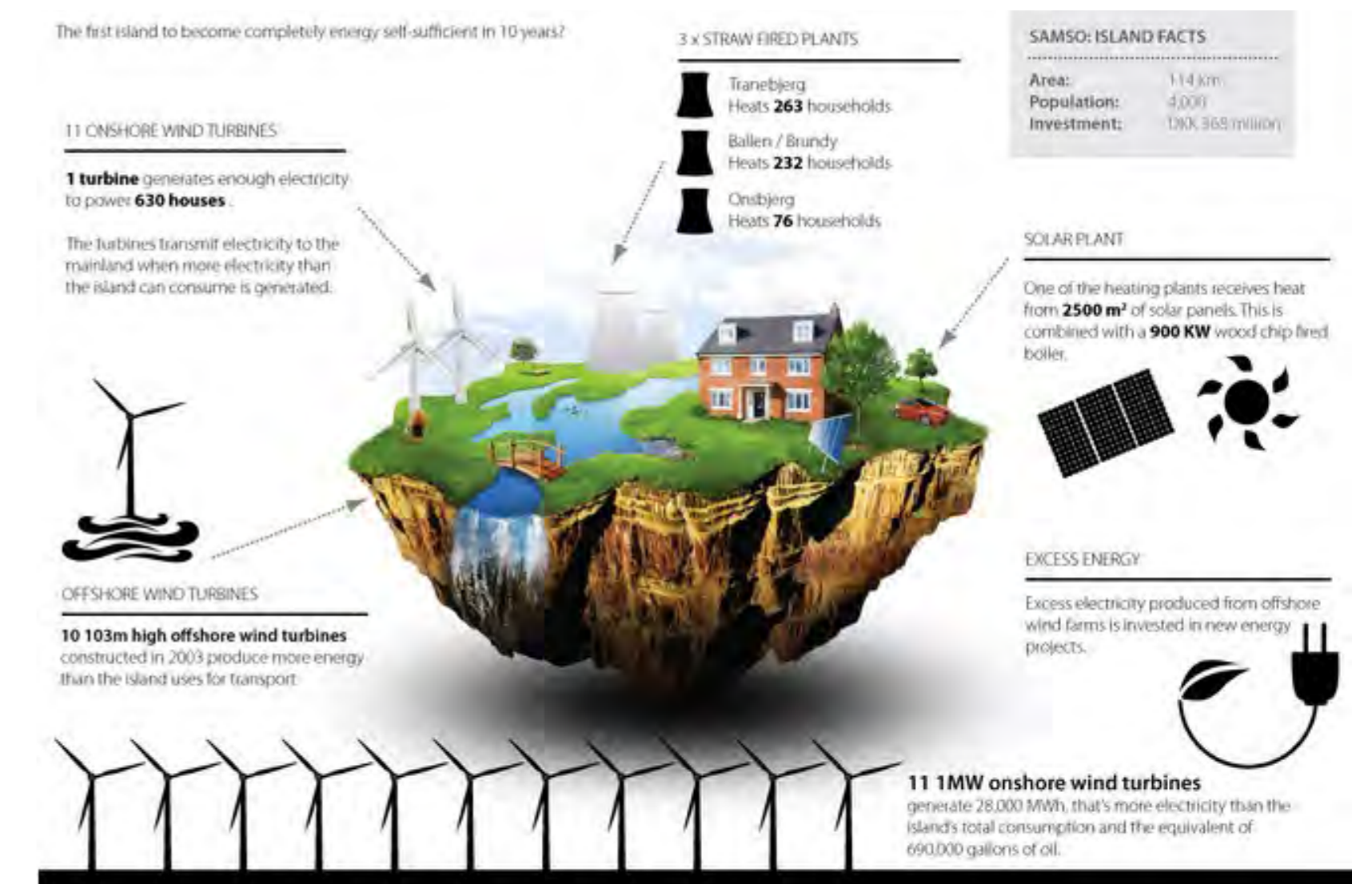
Three Dimensional Wind Behavior on Site



The Windcatchers of Persia



Schematic Wind Tower Proposal



The Energy Self-Sufficient Island (SAMSO)