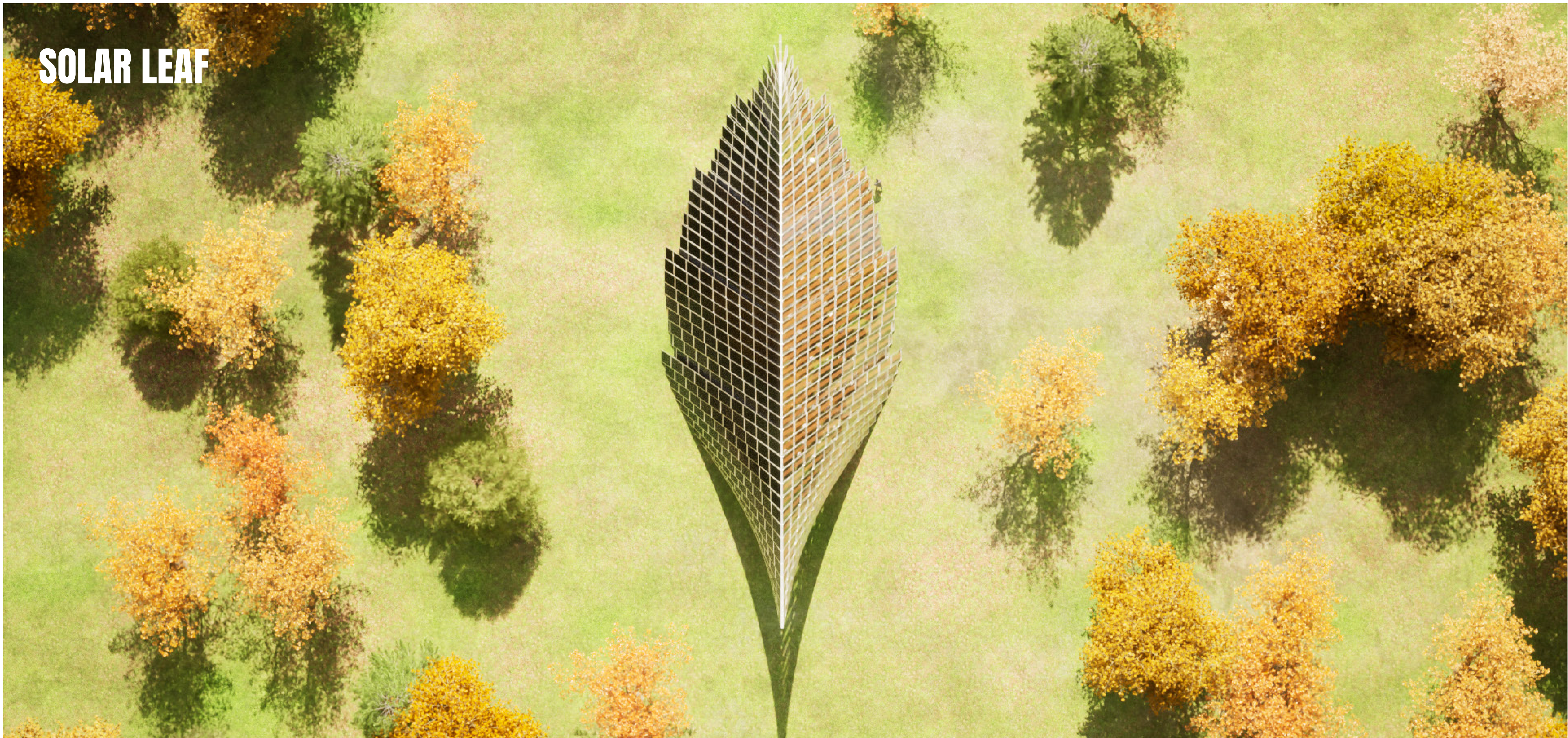
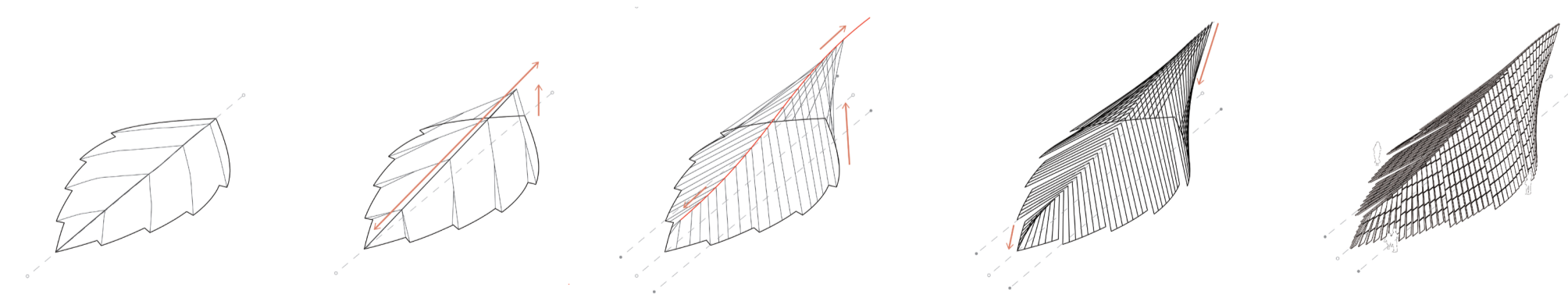


SOLAR LEAF



The "Solar Leaf" aims to address the design brief as defined by the Land Art Generator Initiative (LAGI) and the German Federal Horticulture Show (BUGA 23) to design a unique work of sustainable art that uses renewable energy technology to support sustainable human thriving, supplying clean megawatt-hours to the City of Mannheim.

The "Solar Leaf" is designed as a sustainable interactive pavilion comprising space, structure and skin that is modular, adaptable and scalable generating "clean energy" and "food." The pavilion is visualized as a self-sustainable system that harnesses solar energy and/or grows food. It could potentially serve as a hybrid system addressing global issues such as food security and clean energy.



FORM DEVELOPMENT

Solar panels are proliferated across the structural timber framework to generate clean energy. Sustainable timber is an infinitely renewable material source that is harvested responsibly from well managed forests without damaging the surrounding environment & ecosystem.

