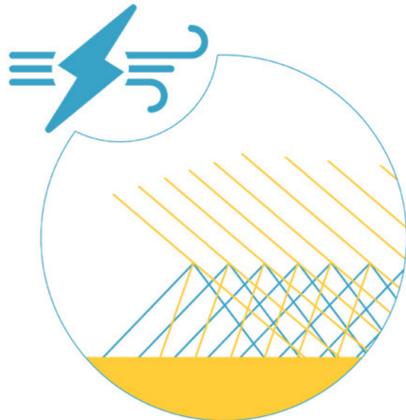


PV TECHNOLOGY

Lightweight steel structure made from 11,915 high efficiency thin film solar photovoltaic modules.



MOTION DAMPER SYSTEM

Dampers attached with the steel structure convert wind motion into wind energy via the tensioned cables anchored with every steel pole. Solar modules are attached with the independent steel pole in the wind, across the green finger linear park from north-west to south-east.



SHADING DEVICE

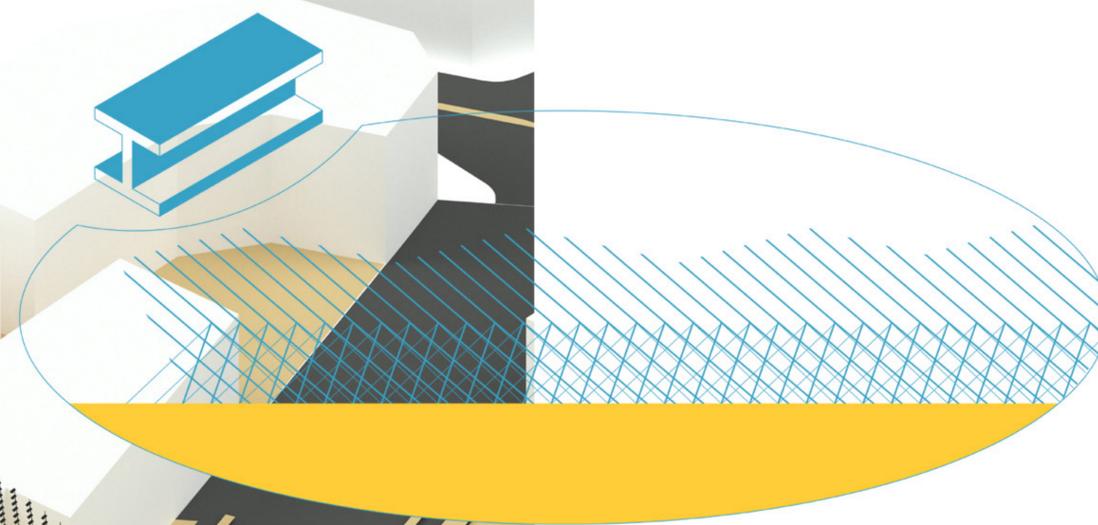
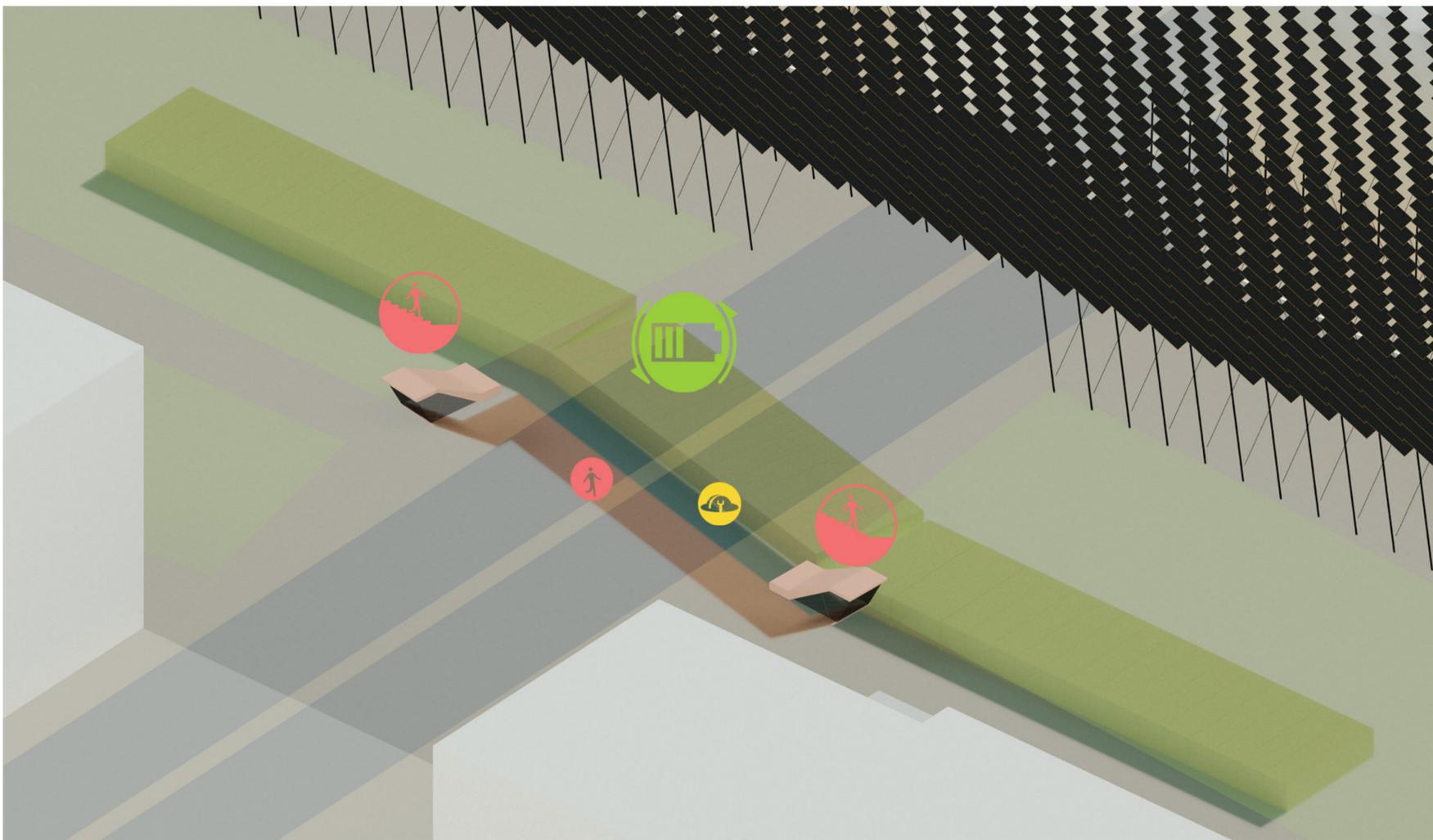
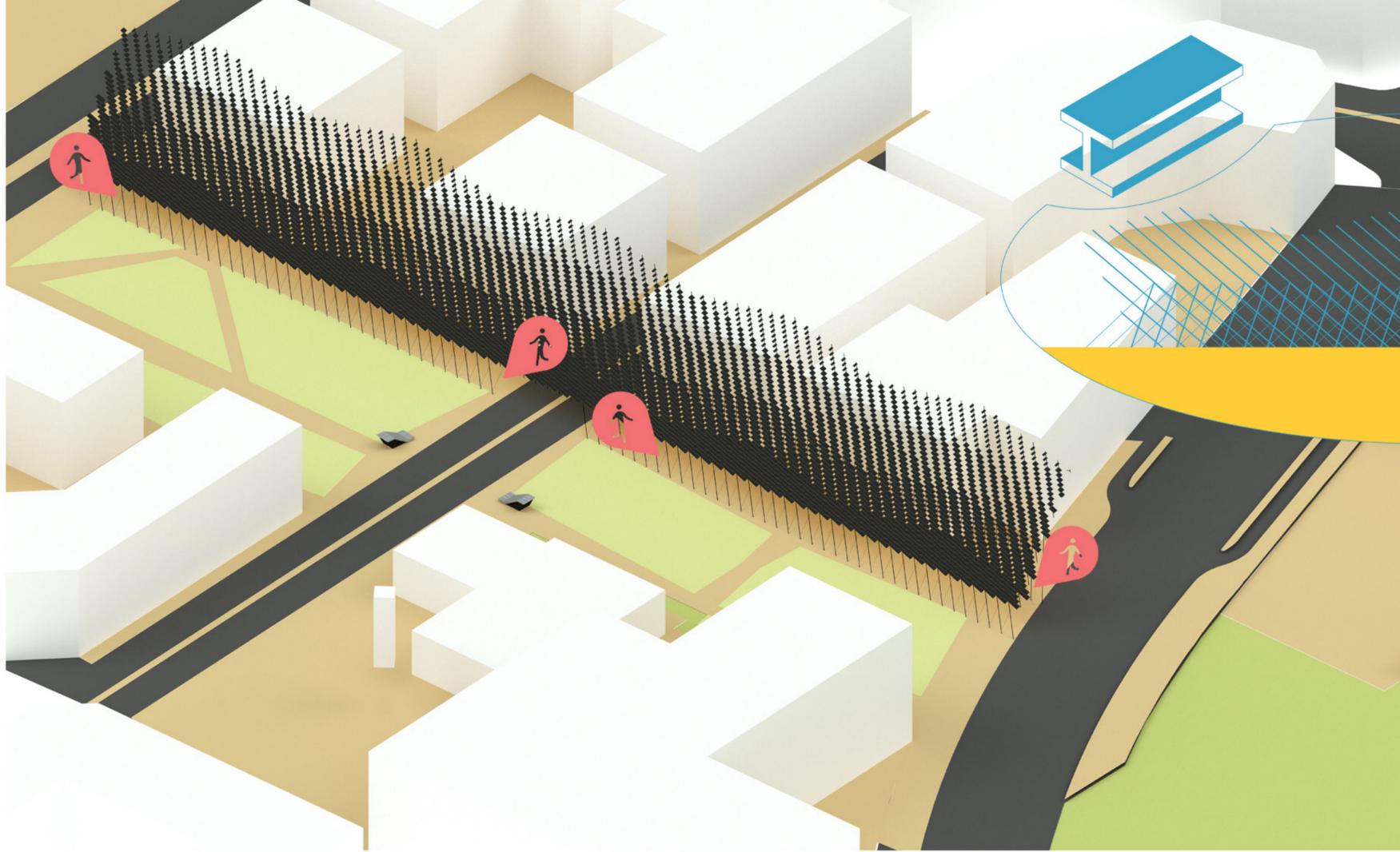
Each module facing the sun transform the solar radiation into the electricity and also act as a shading dedvice for the existing proposed buildings facade.



SUBWAY



Subway is provided for public to the clear access across the road, and also provided to the technical access to the under ground energy storage system.

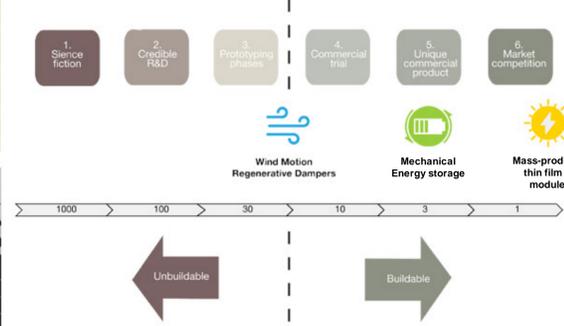


STRUCTURE

A 40 meter high Lightweight tensile steel structure made from a group of steel poles anchored with tensile steel cables on the area of 300x20 meter.

BUILDABILITY

Each renewable energy element of this scheme has been tested in the market and can be realised



ENERGY STORAGE

Kinetic energy storage cabin of the standard shipping container size arranged under the ground that store electricity from on-site energy production. A complete system of 50 cabins are away from the public and visitors

The kinetic energy storage system makes the sustainable energy more sustainable.

