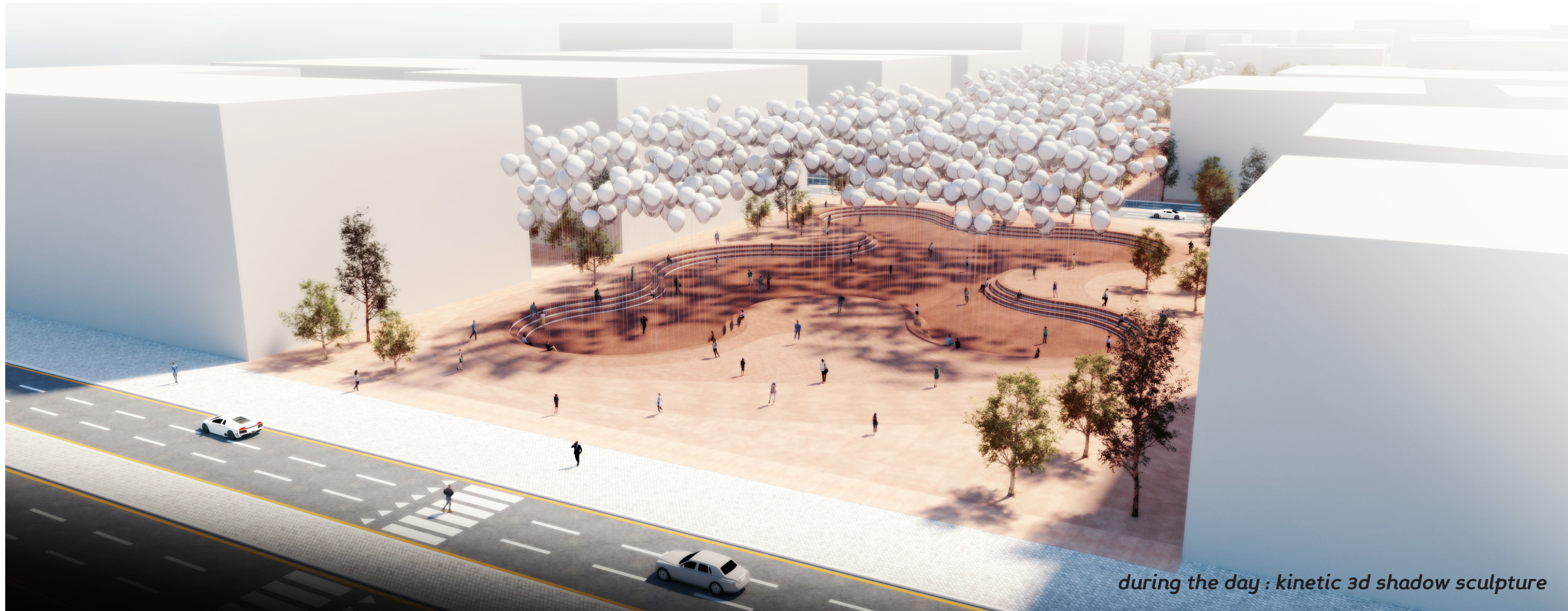
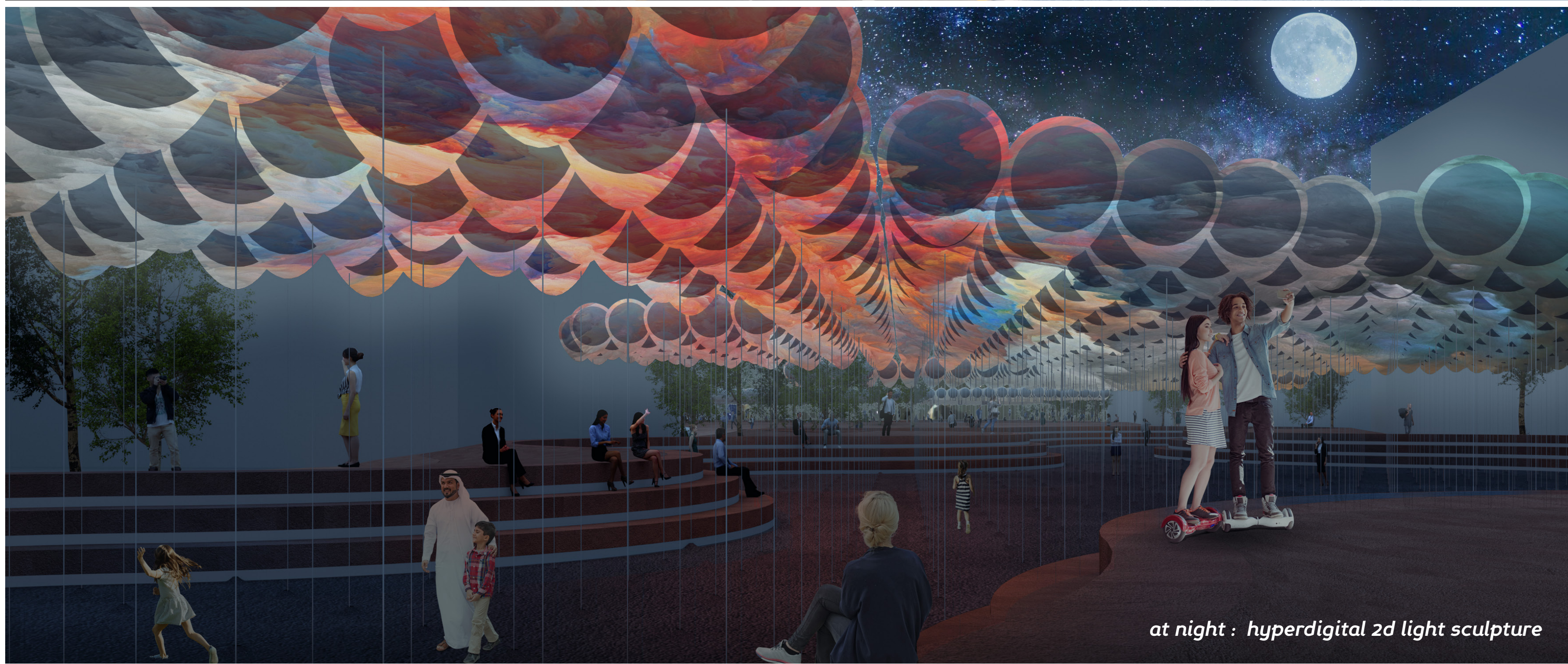




a place to be

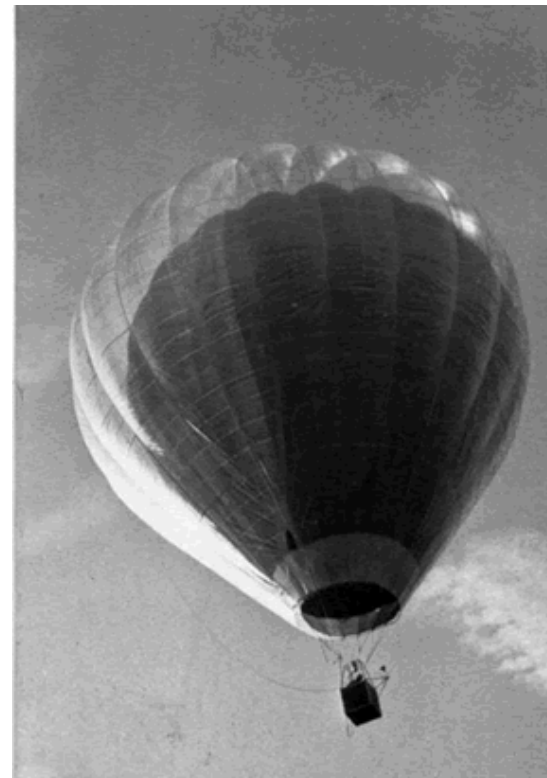


during the day : kinetic 3d shadow sculpture



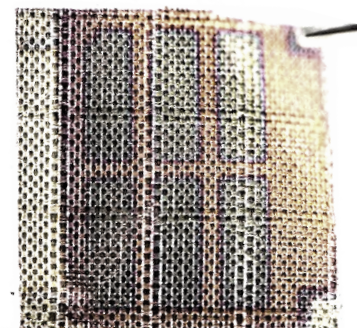
at night : hyperdigital 2d light sculpture

## pixSOL

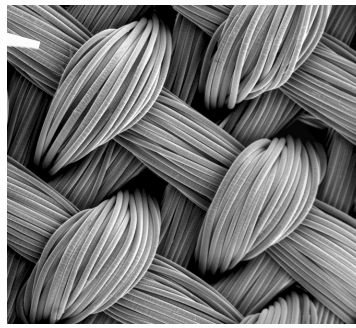
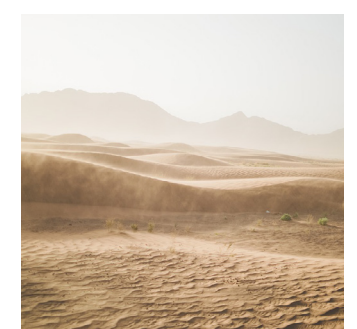


pixSOLs are 2m wide modular solar balloons filled with air and helium and tethered to ground via automatic weight triggered pulley wheels. 1500 module covers an area of approximately 5000m<sup>2</sup> acting like a big cloud, being one fo the main modules of the system pixSOLs ascend with the increasing temperature during the day creating a bouyant force ready to turn on 1500 units automated pulley wheels which convert kinetic energy to mechanic and electric energy for a self-assembled floating land art. kinetic energy 30w/m<sup>2</sup>

## fabSOL



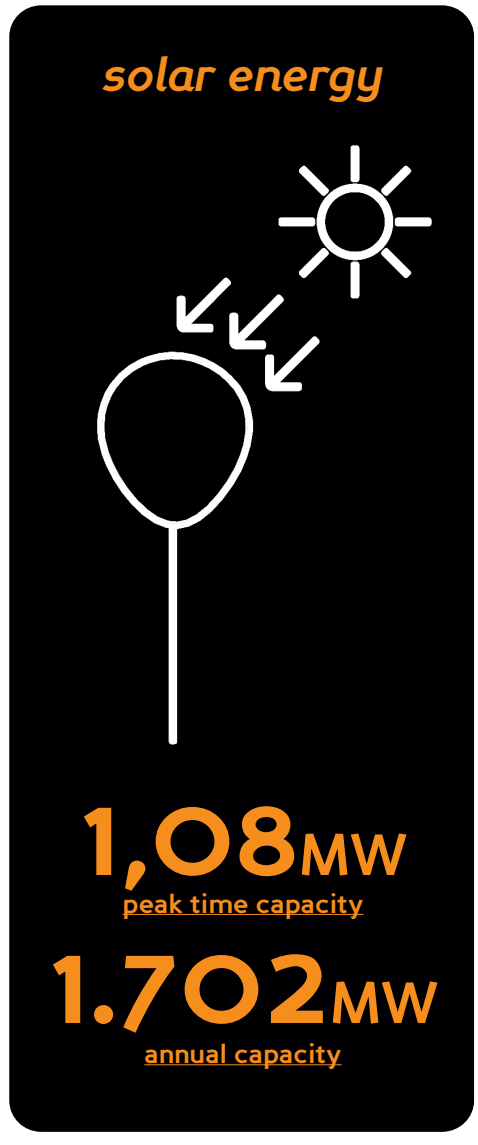
## finite



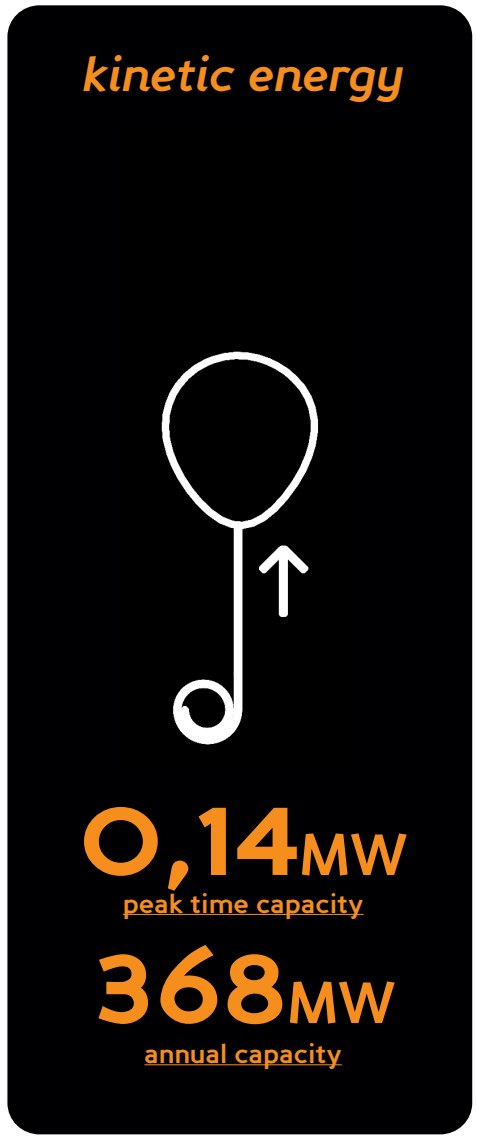
fabSOL is lightweight carbon-fibre reinforced fabrics woven with array of solar cells coated in conductive polymer material, created by a chemist and a fabric designer, in the process of development for the next five years. fabSOLs cover the pixSOLs and with a spherical surface tracks the sun where ever she goes. solar energy 120w/m<sup>2</sup>

finite is a biodegradable construction made from desert sand - a resource that has been useless until now - and as strong as concrete but has half the carbon footprint. it is non-toxic and can be left to decompose naturally, or remoulded to be used in another project. Finite takes on the colour and gradation of the filler, but natural dyes can be added in the mixing process.

energy produced



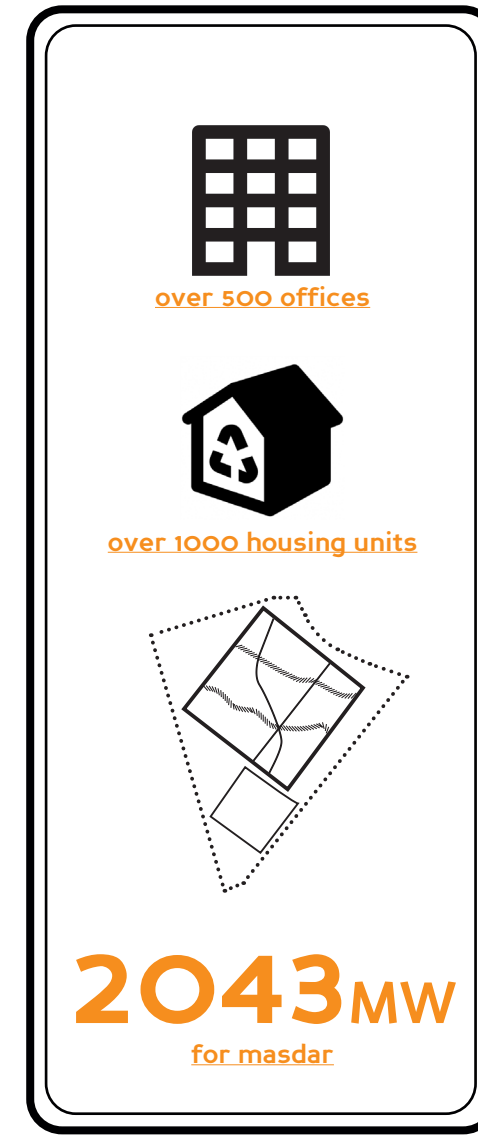
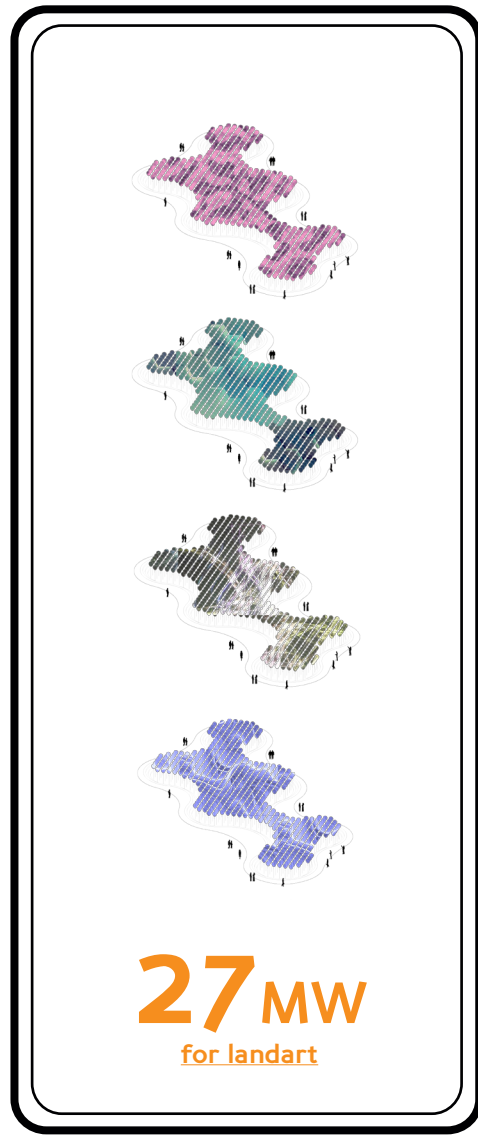
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fabSOLs, ascending with the help of pixSOLs merely heated by the sun, track the sun like helianthuses do, with their spherical fabric form, and gain the maximum radiation possible during the day. pixSOLs are tethered to ground which turn the potential kinetic energy into electric energy via simple windlass or a pulley wheel system which is connected to an electric generator for directly using on the landart or transferred onto a mini vanadium battery that works simultaneously with the grid.



energy used