

# LUX.ON

## Project and concept description:

In the contemporaneous times, the world seems to shrink, cities are emerging at an accelerated pace, the population is proliferating, with problems arising of shortages and overexploitation of resources that have no previous reference. These global problems impact at the local level, regardless of latitudes or climates. Imaginary futures are becoming increasingly hostile. Therefore, it is important not to be oblivious on stage, and act collectively to safeguard the planet's natural, human and economic resources.

This globalization has generated a homogeneous planet, whose impact on ecosystems is undeniable. The example of cities like Masdar, with this vision of a sustainable city that emerges from scratch, reducing its negative impact, allows us to discuss the importance of developing infrastructure that goes beyond the basics. An infrastructure whose limits are diffuse with art, design and sustainable science.

The proposal LUX.ON is presented, whose main axis is consolidated in the use of the conditions and resources (natural, human and economic) coming from the context of a pioneer city such as Masdar.

This prototype takes up the technology of the Solar Towers, air turbines and photovoltaic cells in order to integrate them into a vision of landar, where, from the understanding of the local landscape, a structure that emulates the dunes of a unique desert of the Emirates is shown in order to take advantage of the great solar incidence and the sense of wind. Thus, emerging a hybrid structure with strong sculptural values, and utilitarian spaces determined by its aesthetics and architecture

The project will be an oasis within a monotonous urban landscape like Masdar's. A common area of recreation whose possibilities of use will be flexible to multiple programs. Where art brings a sense of identity and belonging to the site, and its visitors. Likewise, it will generate a useful infrastructure in the production of electricity, and an important urban meeting point.

The project reflects the importance of unifying a humanity, a conscious one, and responsibly linked with the context to avoid damaging society and the environment.

