



1+ SOURCE

- **SUN** the most important source of energy for life on Earth
- **SUNLIGHT or SUNSHINE DURATION** - according to WMO (2010), sunshine duration during a given period is defined as the sum of the time for which the direct solar irradiance exceeds 120 W m⁻²

THE L I T TOTAL OUTPUT

18 MWH/DAY (1.5 MEGAWATTS
OF CLEAN ENERGY PER DAY FOR RESIDENTS)
5,400 MWH/YEAR

40,000 GALLONS WATER PER DAY

2+ capture

HIDROPANELS
OVER 26,000 hidropanels makes drinking water from sunlight and air.

3+ ENJOY & GROW

- **PLANCTON** - plants use the energy from sunlight to produce glucose from carbon dioxide and water. The conversion of usable sunlight energy into chemical energy is associated with the action of the green pigment chlorophyll. Within

the structure a pool system will allow to grow a hydroponic vegetation.

- **BREEZE** - the solar panels produce water which is used for the pools inside THE LIT and also will flow on the external walls creating a microclimate within the LIT waterroom

- **OASIS** - the experience of energy transformation with a context of a pleasant and peaceful.

GEOLOGICAL PARK

THE LIT shows almost geological section that digs the cavernous body of the underground and puts it in connection with the ancient limit of the oceans: the light returns to caress the ancient caves!

The sectional ploy generates an archipelago of natural microclimates that allows to live the open spaces in a condition of environmental and perceptive well-being.

the WATERFALL

the WATERFALL

H2O BASSIN

the North/South PASSAGE

SHADE PARK

4+ CONSERVE & REORGANIZE

- **REGENERATION** - green house & hydrophobic garden uses the water and energy generated by the LIT solar panels (the water of the BREEZE waterfalls) is stored and reused in a hydroponic greenhouse under the structure (but visible within a visiting path)

MUMUS PARK - within the green house system, the desert plants and water are used to produce mumus material which may be used within the LIT green house and within the green surroundings of the structure