

Green House Prototype: Mediterranean zone

It was designed under LEED™ guidelines of Green Building Council to reduce the CO₂ emissions and also to maximize the return of the investment during its life cycle. Thanks to the integration of a photobioreactor system, the building can be defined as Hypersustainable, because its emissions are lower than its carbon sequestration capacity.

The LEED™ for Homes Green Building Rating System are measured in the following categories:

- 1 - Innovation & Design Process (11 points)
- 2 - Location & Linkages (20 points)
- 3 - Sustainable Sites (22 points)
- 4 - Water Efficiency (15 points)
- 5 - Energy & Atmosphere (38 points)
- 6 - Materials & Resources (16 points)
- 7 - Indoor Environmental Quality (21 points)
- 8 - Awareness & Education of users (3 points)

