



**THE WORLDCHAMPION-** LISI is the winner of the international competition Solar Decathlon 2013 in Irvine, California, and was named the best solar house in the world.

LISI stands for „Living Inspired by Sustainable Innovation“ and is the house of the future. This interdisciplinary project was developed and implemented by a team of 172 participants consisting of students, professionals and companies.

Through the interaction of a modular lightweight construction, ecological materials and renewable energy, LISI produces a high-quality, sustainable living space that can be adapted to different user needs and locations. LISI provides a healthy, comfortable and pleasant environment for its residents and also generates enough energy to meet the daily needs of her residents.

96 percent of LISI is wood. Furthermore, nine different local species of wood were used. The house is designed so that all parts of the tree are used, creating a deliberate handling of raw materials – solid timber for construction and finishes, bark as a surface material in the interior as well as sawdust for furniture in the living room.

A central living area can be extended fully into the flanking courtyards to the north and south making LISI unique. When opened, the large sliding glass doors in the north and south of the room fully disappear in the adjacent wall. On a relatively small surface area of 64 square meters (689 sqft), the living area can be expanded outwards to two times its size..

A project by Vienna UT in collaboration with UAS. Salzburg / Campus Kuchl, UAS. St.Pölten and the Austrian Institute of Technology (AIT). The Management team was led by Karin Stieldorf (Project leader, Vienna UT), Andreas Claus Schnetzer (project manager) and Gregor Pils (project manager). The management team was responsible for coordination and implementation of all departments.

Photo Material:

Interior:

<https://www.dropbox.com/sh/9yydcbrbd1a9fqw/s2uKtxKwYk>

Exterior:

<https://www.dropbox.com/sh/6m8lmzdz9smaon4/7TJZaNt54o>

Movie Material:

<http://vimeo.com/85909093>

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