Green Roofs. Ancient techniques retrieved by the most modern architectural trends

From May 13 to 15, 2013, in the city of Hamburg (Germany), the 3rd International Congress *Green Roof. Bringing Nature Back to Town* will take place. The Congress, organized by the International Green Roof Association (IGRA) will focus on sustainable urban development projects with Green Roofs, providing interactive workshops and valuable networking opportunities with international leaders in the field. The Congress is addressed to architects, landscape architects, planners, local authorities and environmental agencies, investors, manufacturers and installers and other actors interested in Green Roofs technologies.

This International event shows the great interest that the world of avant-garde architecture and the administrators of large cities have in this ancient technology, which is coming back again due to its capability to meet the needs of today's world. The construction of green roofs is a tradition in many Scandinavian and European countries and consists in making with vegetation and materials readily available in the area covers well insulated, protected from air and water, wind and fire resistant.

Currently, these techniques are strongly reassessed as to reduce energy consumption and improve the environmental conditions in large cities. In the Ekopedia website comprehensive information can be found on the main characteristics of green roofs and the benefits of their use. In summary, a green roof can reduce the temperature surface removing the demand for electricity for air conditioning and the refrigeration, filter the ambient air, eliminate the suspended particles in the air and carbon dioxide, absorb rainwater, offer possibilities of agriculture in urban environment. In this google page different green roof systems are presented, with links to the websites of many actors specialized in this field.

In Germany, ten percent of the roofs built in recent years are green, thanks to national and local policies that reduce environmental taxes to homeowners and builders who choose this technological solution. Also in Japan, the United States and Canada this environmentally friendly technology is rapidly expanding to solve the problems of energy costs and pollution of the big cities.

Green Roofs are a great benefit for the environment and for the economy and represent a significant investment field for young people interested in the new jobs of the future and for small and medium enterprises interested in contributing to the green economy. Furthermore, green roofs have another invaluable quality: making the urban environment in which we live much nicer.

To know more about the Congress and participate

Congress website

Congress Flyer

International Green Roof Association (IGRA)

To know more about Green Roofs

Green Roof Technology

Switchboard

Bioscience

Design Guidelines and Maintenance Manual

Design Guidelines for Green Roofs

Green Roof Manual

Green Roofs in Moscow

Green Roof in Egypt