

A spin off from Seville builds vertical gardens to fight the Sick Building Syndrome

LOCATION: Seville

DURATION: 1'52"

SUMMARY: After five years of investigation, the spin off enterprise Urban Therapy created at the University of Seville, has created a system based in vertical gardens that tries to fight the Sick Building Syndrome, occurred when poor ventilation causes headaches, nausea, fatigue or irritation of the mucous. These gardens, which are place in the walls or used in building facades, improve the quality of the air, regulate the temperature and reduce noise, being also an ornamental element.

VTR:

A garden in the wall of an office, as if it was a picture, that apart from its ornamental properties offers many other advantages.

JOSÉ MANUEL PEINADO
Architect

"Air cleaning, acoustic attenuation."

FERNANDO HIDALGO
Architect Urban Therapy

"Improvement of the welfare and better sensations for the user, increase of work performance, stress reduction."

Because this plant's system fights the Sick Building Syndrome, occurred when poor ventilation causes headaches, nausea, fatigue or irritation of the mucous.

FERNANDO HIDALGO
Architect Urban Therapy

"Being an alive vegetal system it generates oxygen and at the same time it fixates contaminant volatile organic compounds which are present in the interior of buildings; and innocuous in CO2 fixation when is placed outside, so it is a system that improves the environmental quality."

After five years of investigation of the Urban Naturalization Group at the University of Seville, the result has been these vertical gardens and the spin off enterprise that develops them, Urban Therapy. They have created the first one existing in a European hospital at the Sagrado Corazón in Seville.

JOSÉ MANUEL PEINADO
Architect

"All that twenty metres vegetal canvas give us a way to evade."

PALOMA CARRASCO
Psichologist

"If it makes us feel better we will see ourselves more able to, for example, face a treatment."

Plants are sustained by this fabric made out of recycled material and the feed from a sophisticated drip system that can be controlled in the distance.

JOSÉ MANUEL PEINADO
Architect

"There is a machine that regulates a series of parameters: PH, plant nutrients; that are being automatically dosed. And in case there is any system malfunction it sends alerts."

The insulate from noise, regulate temperature, and improve the quality of the air we breathe...innovation that turns green to change the colour of the world.