Singular Green

VERTICAL
GARDENS

01

WHAT IS A VERTICAL GARDEN?

Vertical garden Almassora, Castellón, 2014

A vertical garden is a system that allows vegetation to be planted vertically and to develop properly, both outdoors and indoors.

The use of vertical gardens has multiple benefits, both economic, environmental and personal well-being, among which are energy savings, greater thermal and acoustic insulation, increased biodiversity and improved air quality.

Our vertical gardening systems offer multiple possibilities for integrating vegetation: lightweight hydroponic systems, where irrigation is a fundamental part; or mixed and substrate systems, which are heavier but require less watering. In any of our systems, water consumption is optimized to be minimal and achieve the highest sustainability.

02

FEATURED PROJECTS

At SingularGreen, we are passionate about what we do and we are characterized by creating creative solutions for your project, integrating Architecture and Nature.

Our vertical gardens are a great example of this, both from an ecological or landscaping perspective, as well as from an economic point of view, since our systems prolong the useful life of the facade and enhance energy savings in the building.

Vertical garden Canal de Isabel II, 2020

Energy
saving

Greater
thermal and acoustic
insulation

Extension of the
useful life of the façade

Vertical garden Office building Xátiva, Alicante

VERTICAL GARDEN
VITORIA CONFERENCE CENTER

Location: Exterior facade of the Congress Palace

Vegetation area: 1.500 m²

System used: F+P Preplant (1.000 m²) and climbing plants (492 m²)

Species: 97% are native species of Alava, many of them endemic.

Spain's largest vertical garden

Vertical garden Vitoria conference center, 2014

HM TROPICAL HOTEL, PALMA, ISLAS BALEARES

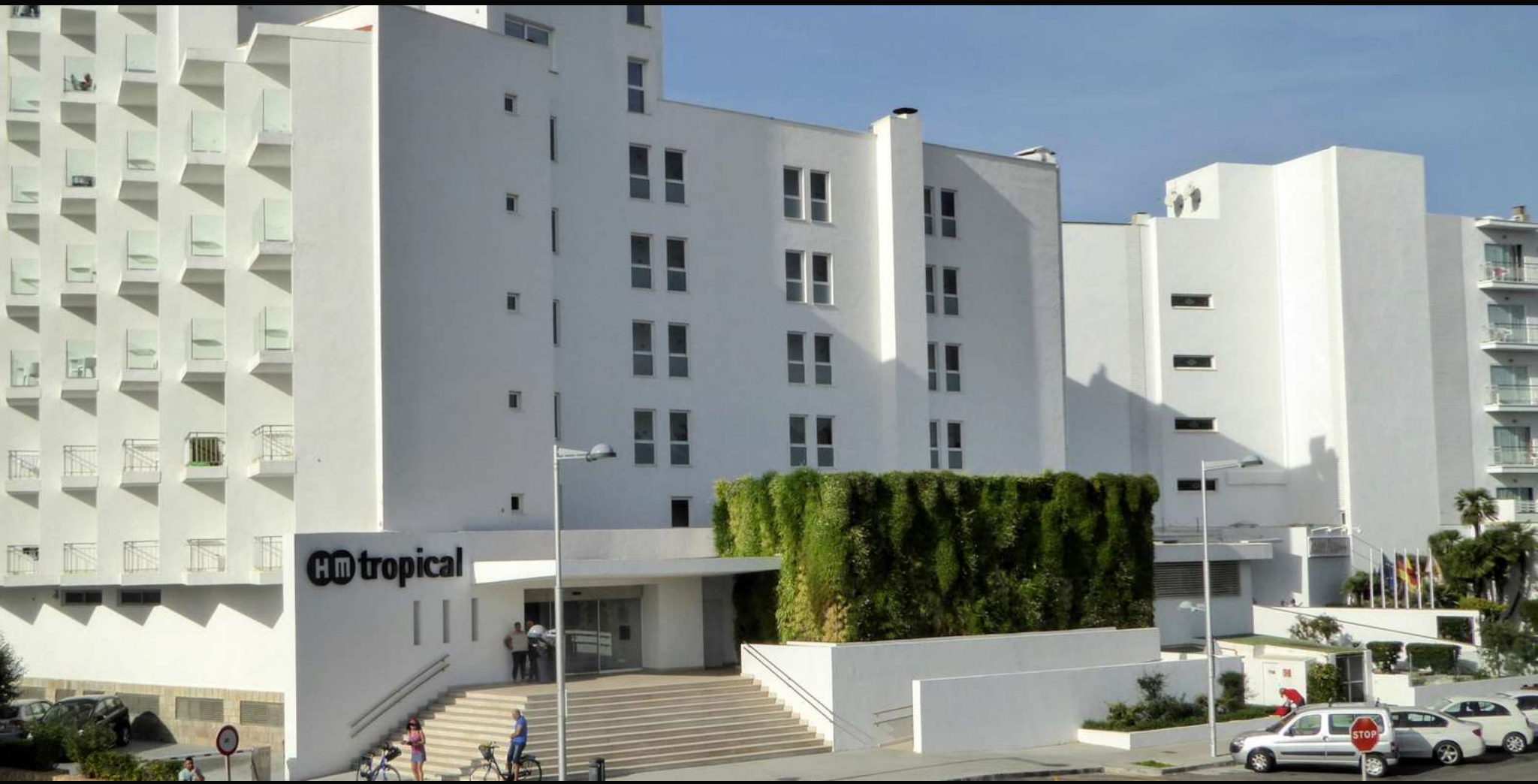
Location: Exterior facade of the HM Tropical hotel

Vegetation area: 110 m²

System used: F+P

Species: Selection of outdoor species of great resistance and adaptability, indicated for large gusts of wind.

Creative solutions



HM Tropical hotel, Palma, Mallorca, 2015

CAP NEGRET HOTEL, ALTEA, ALICANTE

Location: Cap Negret Hotel, Altea, Alicante

Vegetation area: 250 m²

System used: F+P

Species: Selection of outdoor species resistant to marine saltpeter and humidity.

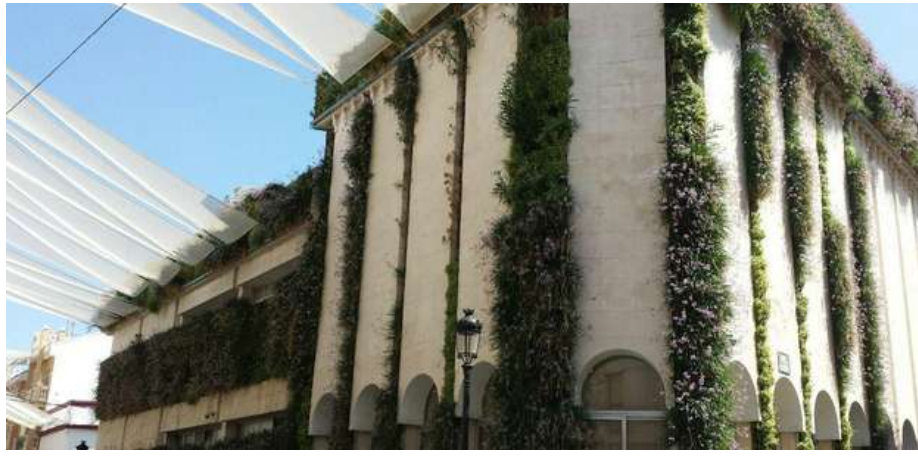
LUCENA TOWN HALL, CORDOBA

Location: Main facade of the Town Hall

Vegetation area: 250 m²

System used: F+P Mixto

Species: Selection of autochthonous and low maintenance species



Better
air quality

Increase in
biodiversity

Temperature
reduction

Fire
resistant barrier

Vertical garden Azuqueca de Henares, 2017.

EL CORTE INGLÉS VALLADOLID

Location: Main facade

Vegetation area: 351 m²

System used: F+P

Species: Selection of outdoor species resistant to low solar exposure of the place.

DON PANCHO HOTEL, BENIDORM, ALICANTE

Location: Facade of access to the Don Pancho hotel

Vegetation area: 50,5 m²

System used: F+P

Species: Selection of outdoor species resistant to low solar exposure of the place.

BRAVO MURILLO PARK
MADRID

Location: Wall of the Canal de Isabel II reservoir

Vegetation area: 240 m²

System used: F+P

Species: Selection of outdoor species resistant to low solar exposure of the place.

Selection of fifteen outdoor species resistant to extreme climates.

Full execution

SANT CARLES SQUARE
ONTINYENT, VALENCIA

Location: Facade in the Placeta de Sant Carles

Vegetation area: 121 m²

System used: F+P Mixto

Species: Selection of climate-resistant species with a wide chromatic variety as a design premise.

MATIMEX EXHIBITION HALL INTERIOR, ALMASSORA, CASTELLÓN

Location: Matimex exhibition hall interior

Vegetation area: 50 m²

System used: F+P

Species: Different indoor species with few fertilization requirements

FERRING OFFICE, MADRID

Location: Office interiors

Vegetation area: 30 m²

System used: F+P

Species: Different indoor species with few fertilization requirements.

SINGLE FAMILY HOME
ALTEA, ALICANTE

Location: Interior wall of the house

Vegetation area: 29 m²

System used: F+P

Species: Selection of indoor species

NANDO'S PUTNEY KITCHEN, LONDRES

Location: Interior wall of Nando's Putney Kitchen

Vegetation area: 30 m²

System used: EcoBin interior

Species: Different indoor species with few fertilization requirements.

Restaurant & Bar Design Awards 2015.

OFICINA SINGULARGREEN ALICANTE

Location: SingularGreen office interior

Vegetation area: 25 m²

System used: SingularAir: F+P with air conditioning installation

Species: Different indoor species with few fertilization requirements

Singular projects

Vertical garden SingularAir, SingularGreen, offices Alicante, 2018

Vertical garden Urban BioFilter, Valladolid, 2020

03

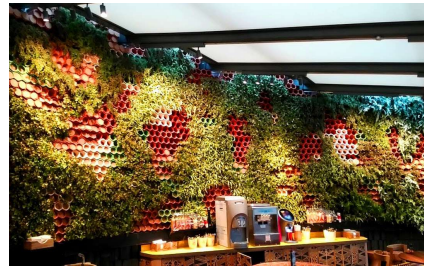
SYSTEM TYPES SINGULARGREEN

F+P

Garden with hydroponic substrate, specially designed to retain water and withstand extreme temperatures. It stands out for its quick assembly, low weight, and ease of maintenance. Recommended for both outdoor and indoor use.

LEAFSKIN

Seeded garden that stands out for its easy installation, minimum thickness, and adaptation to walls with any geometry. It is the most economical system and is especially suitable for large garden areas



ECO BIN

It stands out for its unique design and finish. It is a wine rack panel with ceramic pieces that are intercalated and used as a means of planting the garden. Suitable for spaces where a ceramic finish is desired.

PRESERVED PLANT

These gardens integrate live vegetation that, through a treatment, maintains its natural appearance without the need for maintenance. They stand out for their design and naturalness. It is a system suitable for indoor spaces.

Vertical Garden Azuqueca de Henares, 2017.

04

WATER CONSUMPTION OPTIMIZATION

One of the most important factors when designing a landscaping project is water management. Therefore, at SingularGreen, we search for the most suitable system in each case to reduce irrigation demand in our projects.

In addition, we have the latest technology in telecontrol systems to manage maintenance needs quickly and efficiently. Therefore, we monitor all our projects to fulfill our commitment that they always remain perfect.

05

WARRANTY
MAINTENANCE

The key to the success of projects that integrate nature and architecture is maintenance.

Therefore, at SingularGreen, we provide free support throughout the useful life of the project. Through our telecontrol system, we constantly monitor to detect all maintenance needs and ensure that it is always perfect, whether we are responsible for maintenance or an external company is in charge.

In addition, for the projects where we provide maintenance services, we offer a 100% plant guarantee.

Saler Homes Building, Valencia, 2020

Vertical Garden San Fernando, Cádiz, 2019

07

WHO ARE WE?

En SingularGreen, we specialize in providing cities with green spaces through the integration of Architecture and Nature, improving the quality of life of the people who inhabit them.

Therefore, we not only design, but we take action, creating all kinds of unconventional landscaping projects.

Innovation is in our DNA, our R&D department has been conducting constant research for more than 15 years to develop our own technology, adapting to each environment.

At SingularGreen, we are passionate about what we do and we are characterized by creating creative solutions for your project, offering comprehensive advice, execution, and maintenance of it, always adapting to your needs.

SingularGreen, Creative solutions based on Nature.

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