

Engineering VEGA

CERTIFICACION LEED & CERTIFICACION WELL

Miembro de USGBC desde 2009



www.vegaen.com
vega@vegaen.com

PREMIOS Y RECONOCIMIENTOS

EDIFICIOS CON CERTIFICACION LEED PLATINUM



POLIDEPORTIVO "SAN IGNACIO"

Nombre: Polideportivo San Ignacio
Propietario: Bilbao Kiroiak
Localización: Bilbao (España)
Certificado: **LEED NC PLATINUM - 2011**
1^{er} EDIFICIO LEED PLATINUM IN ESPAÑA



EDIFICIO "CARMEN MARTÍN GAITE"

Nombre: Universidad Carlos III Edif. Humanidades
Propiedad: Universidad Carlos III
Localización: Getafe (España)
Certificado: **LEED NC PLATINUM - 2013**



EDIFICIO "LUCIA"

Nombre: Edificio LUCIA
Propiedad: Universidad de Valladolid
Localización: Valladolid (España)
Certificado: **LEED NC PLATINUM - 2014**

**MAYOR PUNTUACIÓN LEED PLATINUM
EN EUROPA 2ª EN EL MUNDO**



DECATHLON TAMARACEITE

Nombre: Decathlon Tamaraceite
Propiedad: Decathlon
Localización: Tamaraceite – Las Palmas (España)
Certificado: **LEED NC PLATINUM - 2017**

**1^{er} EDIFICIO DECATHLON LEED PLATINUM
EN EL MUNDO**

EDIFICIOS CON CERTIFICACION LEED GOLD



EDIFICIO IMDEA ENERGIA



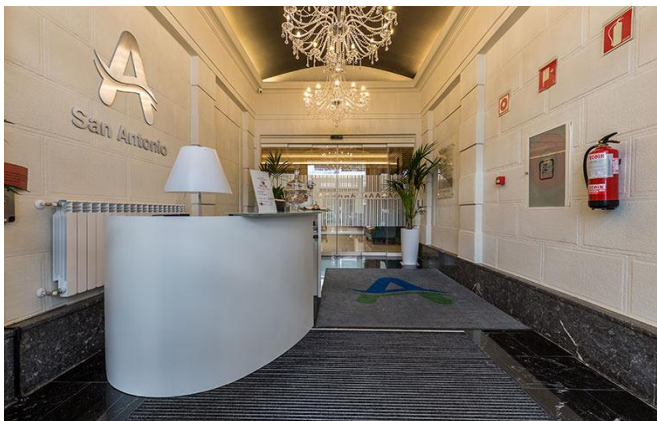
Nombre: Edificio Fundación IMDEA Energía
Propietario: Fundación IMDEA Energía
Localización: Móstoles (España)
Certificado: **LEED NC GOLD - 2013**

DECATHLON VALLADOLID



Nombre: DECATHLON Valladolid
Propietario: DECATHLON
Localización: Valladolid (España)
Certificado: **LEED NC GOLD - 2016**

2º EDIFICIO LEED DECATHLON CON LA MAYOR PUNTUACION EN EL MUNDO



RESIDENCIA SAN ANTONIO



Nombre: Residencia San Antonio
Propietario: Residencia San Antonio
Localización: Bilbao (España)
Certificado: **LEED NC GOLD - 2017**

1ª RESIDENCIA PARA MAYORES LEED GOLD EN ESPAÑA

NAVE CROSS-DOCKING SAN FERNANDO



Nombre: Residencia San Antonio
Propietario: Merlín Properties
Localización: San Fernando de Henares (España)
Certificado: **LEED NC GOLD - 2018**

ACREDITACIONES



U.S. Green Building Council

VEGA INGENIERIA SL MEMBER SINCE 2009

THE U.S. GREEN BUILDING COUNCIL IS THE NATION'S FOREMOST COALITION OF LEADERS WORKING TO TRANSFORM THE WAY BUILDINGS AND COMMUNITIES ARE DESIGNED, BUILT AND OPERATED, ENABLING AN ENVIRONMENTALLY AND SOCIALLY RESPONSIBLE, HEALTHY, AND PROSPEROUS ENVIRONMENT THAT IMPROVES THE QUALITY OF LIFE.

A handwritten signature in black ink that reads "Gail D. A. Vittori".

Gail Vittori, Chair

A handwritten signature in black ink that reads "S. Richard Fedrizzi".

S. Richard Fedrizzi, President, CEO and Founding Chairman



GREEN BUILDING CERTIFICATION INSTITUTE

HEREBY CERTIFIES THAT

Rafael Diez

HAS ACHIEVED THE DESIGNATION OF

LEED® ACCREDITED PROFESSIONAL

BY DEMONSTRATING THE KNOWLEDGE OF GREEN BUILDING PRACTICE
REQUIRED FOR SUCCESSFUL IMPLEMENTATION OF THE LEADERSHIP IN ENERGY
AND ENVIRONMENTAL DESIGN (LEED®) GREEN BUILDING RATING SYSTEM™.



Rebecca L. Flora
Chairman

July 24, 2008
Date Issued

R.
Richard Tedzari, President and CEO

Printed on 100% recycled paper with 30% post consumer fiber and 10% vegetable based ink.



GREEN BUSINESS CERTIFICATION INC. CERTIFIES THAT

RAFAEL DIEZ VEGA

HAS ATTAINED THE DESIGNATION OF

**LEED AP® Building Design +
Construction**

by demonstrating the knowledge and understanding of
green building practices and principles needed to support
the use of the LEED green building program.

10221522-AP-BD+C

CREDENTIAL ID

14 MAY 2018

ISSUED

13 MAY 2020

VALID THROUGH

Mahesh Ramanujan

MAHESH RAMANUJAN
PRESIDENT & CEO, U.S. GREEN BUILDING COUNCIL
PRESIDENT & CEO, GREEN BUSINESS CERTIFICATION INC.



WELL AP

CREDENTIAL ID: WELL-AP-0000012759

ISSUED: Aug 03, 2017

VALID THROUGH: Aug 02, 2019

2101 L Street NW | Suite 500 | Washington, DC 20037
WELLcertified.com



GREEN BUSINESS CERTIFICATION INC.™ CERTIFIES THAT

RAFAEL DIEZ

has attained the designation of

WELL AP

by demonstrating the knowledge and understanding of the interaction between health and wellness within the built environment and the implementation process for the WELL Building Standard™.

Mahesh Ramanujam
President, Green Business Certification Inc.

Paul Scialla
Founder, International WELL Building Institute

EDIFICIOS CERTIFICADOS LEED





"POLIDEPORTIVO SAN IGNACIO"

EN BILBAO

"POLIDEPORTIVO SAN IGNACIO"



Nombre: POLIDEPORTIVO SAN IGNACIO

Localización: BILBAO (ESPAÑA), 2011

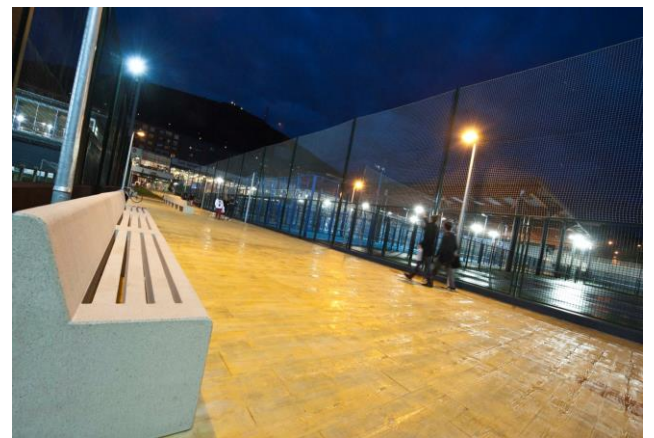
Superficie: 11.400 m²

<http://www.usgbc.org/projects/polideportivo-san-ignacio>

- **Certified LEED NC PLATINUM.**
(1st BUILDING LEED PLATINUM IN SPAIN)
- **LEED Advanced Energy Modeling.**
- **LEED Commissioning.**



"POLIDEPORTIVO SAN IGNACIO"





POLIDEPORTIVO SAN IGNACIO

BILBAO, Spain

HAS SUCCESSFULLY ACHIEVED THE FOLLOWING LEVEL OF CERTIFICATION ESTABLISHED BY THE U.S. GREEN BUILDING COUNCIL
IN THE LEED GREEN BUILDING RATING SYSTEM™ AND VERIFIED BY THE GREEN BUILDING CERTIFICATION INSTITUTE.

LEED FOR NEW CONSTRUCTION

PLATINUM

A stylized handwritten signature in black ink.

S. RICHARD FEDRIZZI, PRESIDENT & CEO
U.S. GREEN BUILDING COUNCIL

November 2011

A handwritten signature in black ink.

PETER TEMPLETON, PRESIDENT
GREEN BUILDING CERTIFICATION INSTITUTE



EDIFICIO "CARMEN MARTÍN GAITE"

DE LA UNIVERSIDAD CARLOS III

EDIFICIO "UNIVERSIDAD CARLOS III EDIF. HUMANIDADES"



Nombre: UNIVERSIDAD CARLOS III
EDIF. HUMANIDADES

Localización: GETAFE (España), 2013

Superficie: 20.000 m²



<http://www.usgbc.org/projects/universidad-carlos-iii-edif-humanidades>

- **Certified LEED NC PLATINUM.**
- **LEED Advanced Energy Modeling.**
- **LEED Measurement & Verification**



EDIFICIO " UNIVERSIDAD CARLOS III EDIF. HUMANIDADES "



LUZÓN, José Luis. *Sequitur Dilecti
causa Expositio
circa titulum de
re possessionis
et proprietatis
Paviae auctoritate
anno 1596 et 7.*

Sala de fondo antiguo de la UC3M.
Biblioteca de Humanidades Comunicación
y Documentación Carmen Martín Gaité.





EDIFICIO CARMEN MARTÍN GAITE
UNIVERSIDAD CARLOS III DE MADRID
Getafe, Spain

HAS FULFILLED THE REQUIREMENTS OF THE FOLLOWING LEVEL OF CERTIFICATION ESTABLISHED BY THE U.S. GREEN BUILDING COUNCIL
IN THE LEED GREEN BUILDING RATING SYSTEM™ AND VERIFIED BY THE GREEN BUILDING CERTIFICATION INSTITUTE.

LEED FOR NEW CONSTRUCTION

PLATINUM

A handwritten signature in black ink, appearing to be 'R.' with a flourish.

S. RICHARD FEDRIZZI, PRESIDENT & CEO
U.S. GREEN BUILDING COUNCIL

October 2013

A handwritten signature in black ink, appearing to be 'Mahesh Ramanujam'.

MAHESH RAMANUJAM, PRESIDENT
GREEN BUILDING CERTIFICATION INSTITUTE



EDIFICIO "FUNDACION IMDEA ENERGIA"

EN MOSTOLES

EDIFICIO "FUNDACIÓN IMDEA ENERGIA "



Nombre: EDIFICIO FUNDACIÓN
IMDEA ENERGÍA

Localización: MOSTOLES (ESPAÑA), 2013

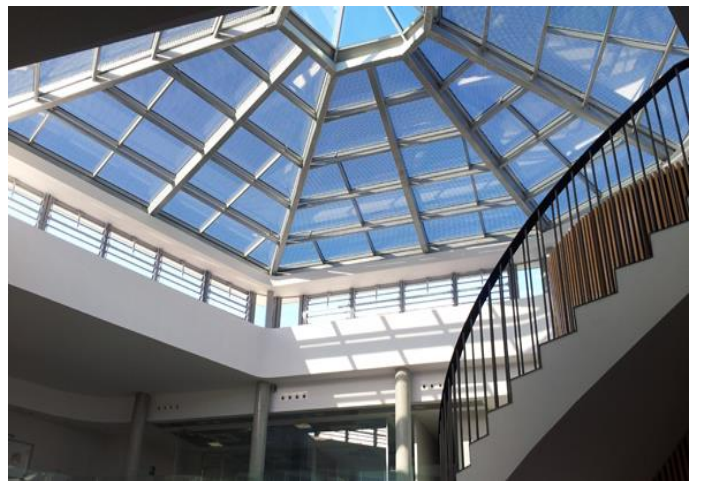
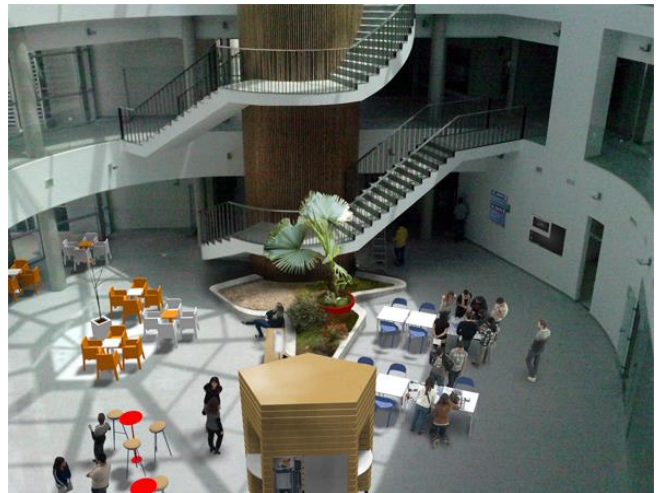
Superficie: 10.700 m²

<http://www.usgbc.org/node/2560342>

- *Certified LEED NC GOLD.*
- *LEED Advanced Energy Modeling.*
- *LEED Measurement & Verification*
- *LEED Commissioning.*



EDIFICIO "FUNDACIÓN IMDEA ENERGIA "





EDIFICIO FUNDACION IMDEA ENERGIA

Mostoles, Spain

HAS SUCCESSFULLY ACHIEVED THE FOLLOWING LEVEL OF CERTIFICATION ESTABLISHED BY THE U.S. GREEN BUILDING COUNCIL
IN THE LEED GREEN BUILDING RATING SYSTEM™ AND VERIFIED BY THE GREEN BUILDING CERTIFICATION INSTITUTE.

LEED FOR NEW CONSTRUCTION

GOLD

A handwritten signature in black ink, appearing to be "R." with a flourish.

S. RICHARD FEDRIZZI, PRESIDENT & CEO
U.S. GREEN BUILDING COUNCIL

February 2013

A handwritten signature in black ink, appearing to be "Peter Templeton" in a cursive style.

PETER TEMPLETON, PRESIDENT
GREEN BUILDING CERTIFICATION INSTITUTE



EDIFICIO “LUCIA”

DE LA UNIVERSIDAD DE VALLADOLID

EDIFICIO "LUCIA"



Nombre: EDIFICIO LUCIA

Localización: VALLADOLID (ESPAÑA), 2014

Superficie: 5.500 m²

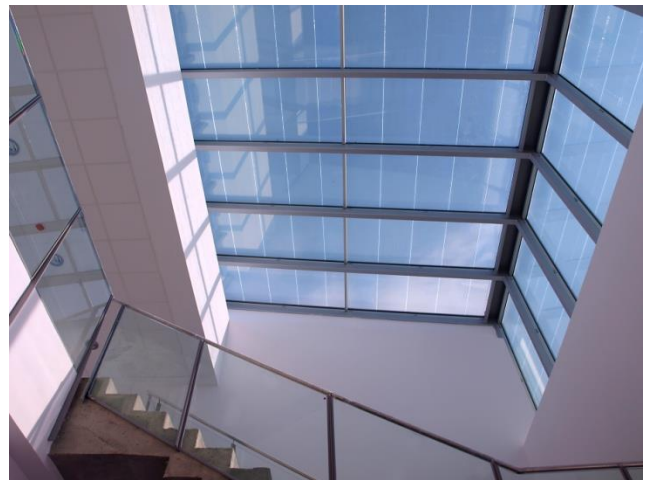


<http://www.usgbc.org/projects/lucia-building>

- *Certified LEED NC PLATINUM (final review).
(1st BUILDING SCORE LEED PLATINUM IN SPAIN)*
- *LEED Advanced Energy Modeling.*
- *LEED Measurement & Verification*
- *LEED Enhanced Commissioning.*



EDIFICIO "LUCIA "





EDIFICIO LUCIA
Valladolid, Spain

HAS FULFILLED THE REQUIREMENTS OF THE FOLLOWING LEVEL OF CERTIFICATION ESTABLISHED BY THE U.S. GREEN BUILDING COUNCIL
IN THE LEED GREEN BUILDING RATING SYSTEM™ AND VERIFIED BY THE GREEN BUILDING CERTIFICATION INSTITUTE.

LEED FOR NEW CONSTRUCTION

PLATINUM

S. RICHARD FEDRIZZI, PRESIDENT & CEO
U.S. GREEN BUILDING COUNCIL

June 2014

MAHESH RAMANUJAM, PRESIDENT
GREEN BUILDING CERTIFICATION INSTITUTE



EDIFICIO

"DECATHLON VALLADOLID"

EDIFICIO "DECATHLON VALLADOLID"



Nombre: DECATHLON VALLADOLID

Localización: VALLADOLID (ESPAÑA), 2016

Superficie: 7.800 m²

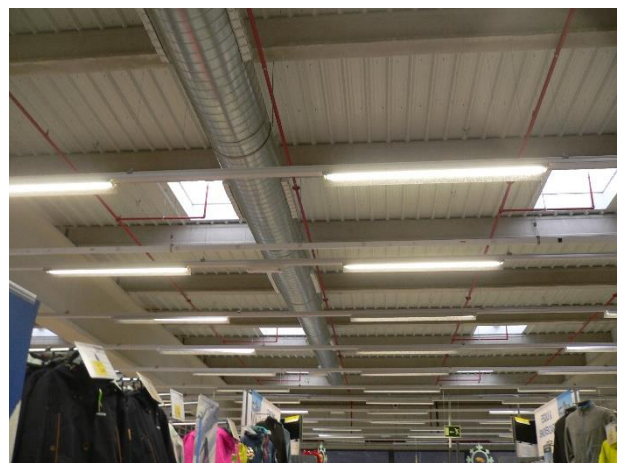
<http://www.usgbc.org/projects/decathlon-valladolid>



- **Certified LEED NC GOLD.**
(2nd Highest scored DECATHLON LEED in the world)
- **LEED Advanced Energy Modeling.**
- **LEED Enhanced Commissioning.**
- **LEED Measurement & Verification**



EDIFICIO "DECATHLON VALLADOLID"





DECATHLON VALLADOLID
Arroyo de la Encomienda, Spain

HAS FULFILLED THE REQUIREMENTS OF THE FOLLOWING LEVEL OF CERTIFICATION ESTABLISHED BY THE U.S. GREEN BUILDING COUNCIL
IN THE LEED GREEN BUILDING RATING SYSTEM™ AND VERIFIED BY THE GREEN BUILDING CERTIFICATION INSTITUTE.

LEED FOR NEW CONSTRUCTION

GOLD

A handwritten signature in black ink, appearing to be "R.", positioned above a horizontal line.

S. RICHARD FEDRIZZI, PRESIDENT & CEO
U.S. GREEN BUILDING COUNCIL

March 2016

A handwritten signature in black ink, appearing to be "Mahesh Ramanujam", positioned above a horizontal line.

MAHESH RAMANUJAM, PRESIDENT
GREEN BUILDING CERTIFICATION INSTITUTE



EDIFICIO

DECATHLON TAMARACEITE

EDIFICIO "DECATHLON TAMARACEITE"



Nombre: DECATHLON TAMARACEITE

Localización: TAMARACEITE-LAS PALMAS DE G.C.
(ESPAÑA), 2017

Superficie: 4.500 m²

<http://www.usgbc.org/projects/decathlon-tamaraceite>

- **Certified LEED NC PLATINUM.**
(1st DECATHLON LEED PLATINUM in the world)
- **LEED Advanced Energy Modeling.**
- **LEED Enhanced Commissioning.**
- **LEED Measurement & Verification**



EDIFICIO "DECATHLON TAMARACEITE"





DECATHLON TAMARACEITE

Las Palmas de Gran Canaria, Spain

HAS FULFILLED THE REQUIREMENTS OF THE LEED GREEN BUILDING RATING SYSTEM CERTIFICATION ESTABLISHED BY THE U.S. GREEN BUILDING COUNCIL AND VERIFIED BY GREEN BUSINESS CERTIFICATION INC.

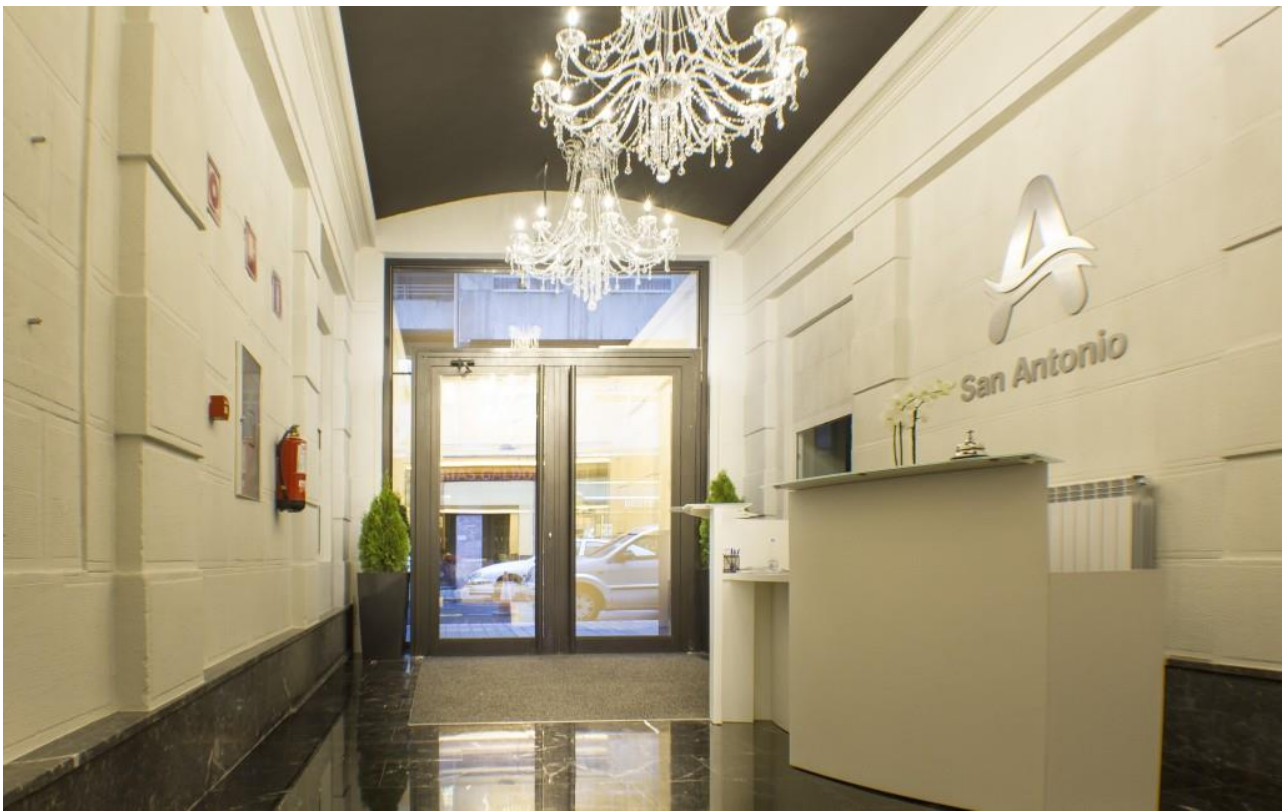
LEED 2009
NEW CONSTRUCTION AND MAJOR RENOVATIONS

PLATINUM

March 2017

A handwritten signature in black ink that reads "Mahesh Ramanujam".

MAHESH RAMANUJAM, PRESIDENT & CEO, U.S. GREEN BUILDING COUNCIL,
PRESIDENT & CEO, GREEN BUSINESS CERTIFICATION INC.



EDIFICIO "RESIDENCIA SAN ANTONIO"

EN BILBAO

EDIFICIO " RESIDENCIA SAN ANTONIO "



Nombre: RESIDENCIA SAN ANTONIO

Localización: BILBAO (ESPAÑA), 2017

Superficie: 4.000 m²

<https://www.usgbc.org/projects/residencia-san-antonio>

- *Certified LEED NC GOLD.*
- *LEED Advanced Energy Modeling.*
- *LEED Commissioning*
- *LEED Measurement & Verification.*



Building Design
and Construction



EDIFICIO "RESIDENCIA SAN ANTONIO"





RESIDENCIA SAN ANTONIO

Bilbao, Spain

HAS FULFILLED THE REQUIREMENTS OF THE LEED GREEN BUILDING RATING SYSTEM CERTIFICATION ESTABLISHED
BY THE U.S. GREEN BUILDING COUNCIL AND VERIFIED BY GREEN BUSINESS CERTIFICATION INC.

LEED 2009
NEW CONSTRUCTION AND MAJOR RENOVATIONS

GOLD

June 2017

Mahesh Ramonjam

MAHESH RAMANUJAM, PRESIDENT & CEO, U.S. GREEN BUILDING COUNCIL,
PRESIDENT & CEO, GREEN BUSINESS CERTIFICATION INC.



EDIFICIO

"NAVE CROSS-DOCKING SAN FERNANDO"

EDIFICIO " SAN FERNANDO CROSS-DOCKING "



Nombre: CROSS-DOCKING SAN FERNANDO

Localización: SAN FERNANDO DE HENARES (ESPAÑA)

Area: 11.500 m²

<https://www.usgbc.org/projects/merlin-properties-crossdock-san-fernando>

- **Certified LEED NC GOLD.**
- **LEED Advanced Energy Modeling.**
- **LEED Enhanced Commissioning**
- **LEED Measurement & Verification.**



EDIFICIO " SAN FERNANDO CROSS-DOCKING "





**MERLIN PROPERTIES
NAVE CROSS-DOCKING SAN FERNANDO**

San Fernando de Henares, Spain

HAS FULFILLED THE REQUIREMENTS OF THE LEED GREEN BUILDING RATING SYSTEM CERTIFICATION ESTABLISHED
BY THE U.S. GREEN BUILDING COUNCIL AND VERIFIED BY GREEN BUSINESS CERTIFICATION INC.

**LEED 2009
NEW CONSTRUCTION AND MAJOR RENOVATIONS**

GOLD

January 2018

Mahesh Ramanujam

MAHESH RAMANUJAM, PRESIDENT & CEO, U.S. GREEN BUILDING COUNCIL,
PRESIDENT & CEO, GREEN BUSINESS CERTIFICATION INC.



EDIFICIO

"NAVE CROSS-DOCKING ZONA FRANCA BCN"

EDIFICIO " NAVE CROSS DOCKING BZ2 ZONA FRANCA BCN "



Nombre: CROSS-DOCKING BZ2 ZONA FRANCA BCN

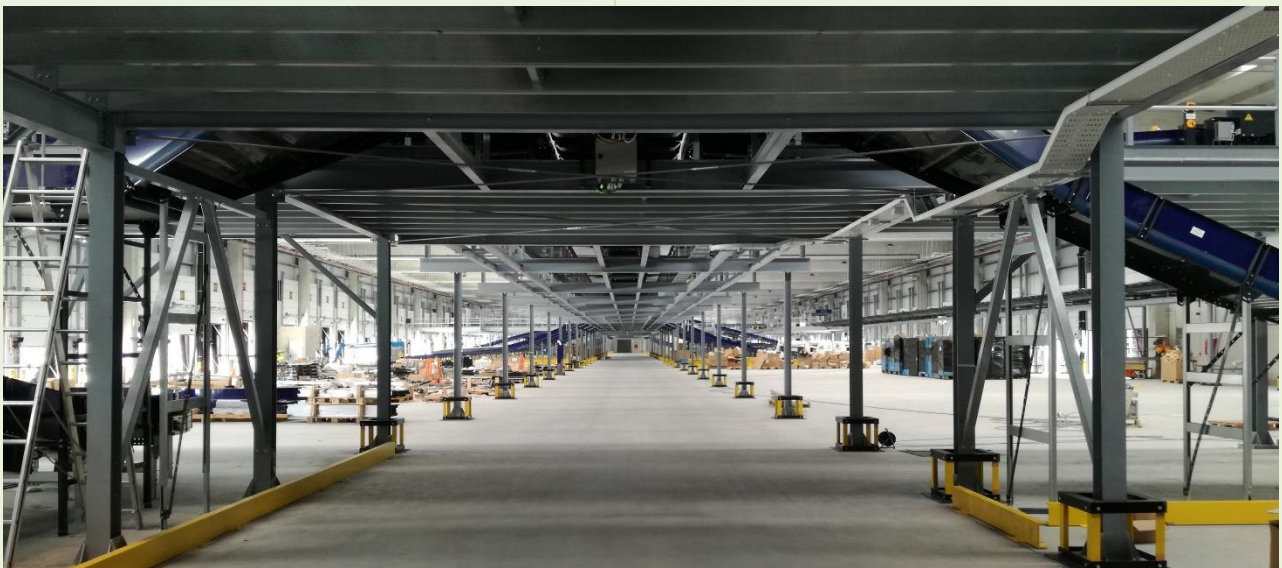
Localización: BARCELONA (ESPAÑA)

Area: 11.500 m²

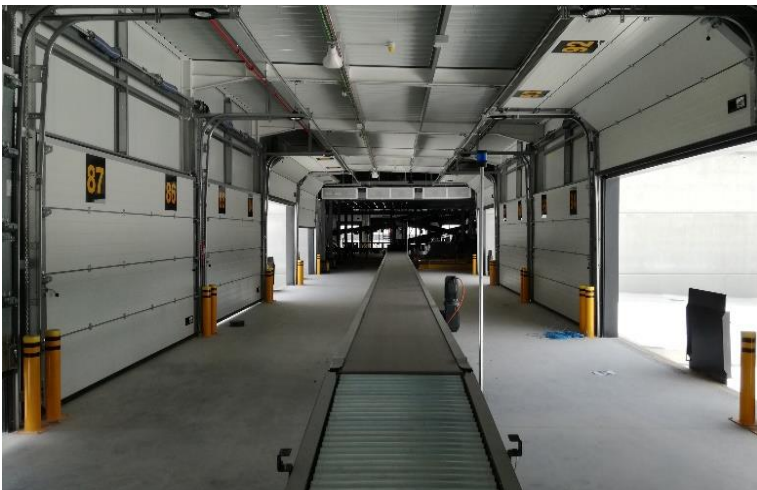
- *Certified LEED NC GOLD.*
- *LEED Advanced Energy Modeling.*
- *LEED Enhanced Commissioning*
- *LEED Measurement & Verification.*



Building Design
and Construction



EDIFICIO " NAU LOGÍSTICA ZAL BZ.A1.1"





NAU LOGÍSTICA ZAL PORT-CIUTAT BZ.A1.1

Barcelona, Spain

HAS FULFILLED THE REQUIREMENTS OF THE LEED GREEN BUILDING RATING SYSTEM CERTIFICATION ESTABLISHED
BY THE U.S. GREEN BUILDING COUNCIL AND VERIFIED BY GREEN BUSINESS CERTIFICATION INC.

LEED 2009
NEW CONSTRUCTION AND MAJOR RENOVATIONS

GOLD

July 2018

Mahesh Ramonjam

MAHESH RAMANUJAM, PRESIDENT & CEO, U.S. GREEN BUILDING COUNCIL,
PRESIDENT & CEO, GREEN BUSINESS CERTIFICATION INC.



EDIFICIO CILSA – CENTRO INTERMODAL LOGÍSTICA

"NAVE CROSS-DOCKING ZAL BZ.A1.2"

EDIFICIO " NAU LOGÍSTICA ZAL BZ.A1.2"



Nombre: NAU LOGÍSTICA ZAL BZ.A1.2

Localización: BARCELONA (ESPAÑA)

Superficie: 24.800 m²

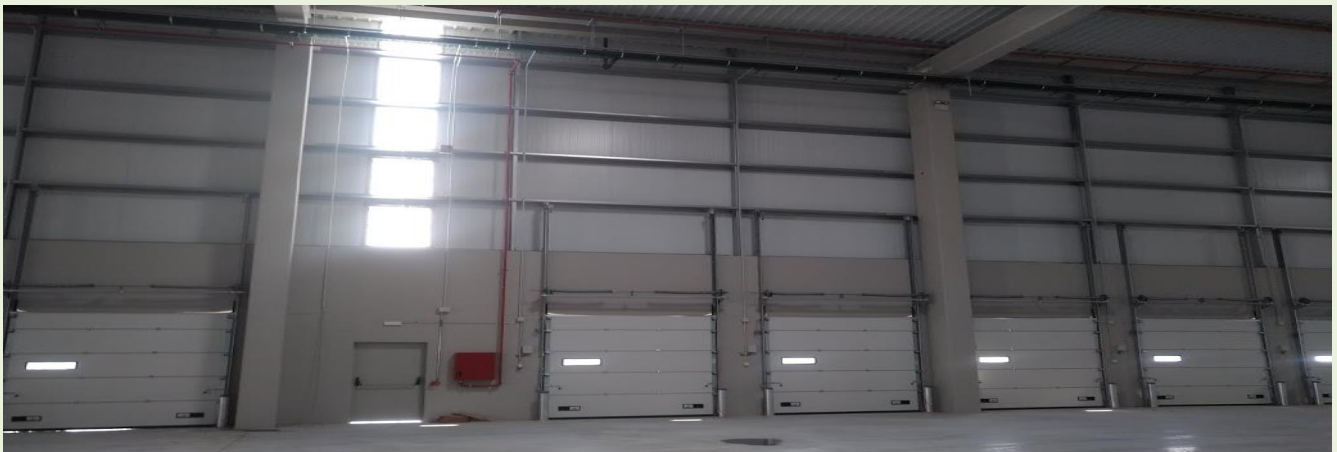


Building Design
and Construction

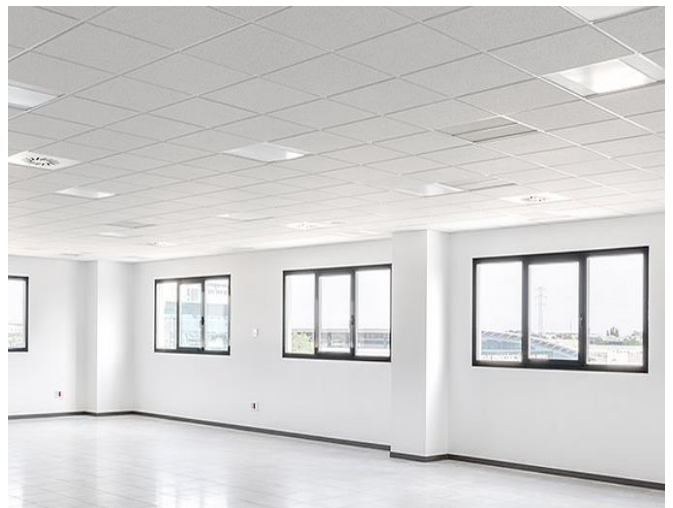
REFERENCIA LEED:

<https://www.usgbc.org/projects/nau-logistica-zal-port-ciutat-bza12>

- **Certified LEEDv4 NC GOLD.**
- **LEED Advanced Energy Modeling.**
- **LEED Enhanced Commissioning**
- **LEED Measurement & Verification.**



EDIFICIO " NAU LOGÍSTICA ZAL BZ.A1.2"





NAU LOGÍSTICA ZAL PORT-CIUTAT BZ.A1.2

Barcelona, Spain

HAS FULFILLED THE REQUIREMENTS OF THE LEED GREEN BUILDING RATING SYSTEM CERTIFICATION ESTABLISHED
BY THE U.S. GREEN BUILDING COUNCIL AND VERIFIED BY GREEN BUSINESS CERTIFICATION INC.

LEED v4

BUILDING DESIGN AND CONSTRUCTION: WAREHOUSES AND DISTRIBUTION CENTERS

GOLD

March 2020

Mahesh Ramanujam

MAHESH RAMANUJAM, PRESIDENT & CEO, U.S. GREEN BUILDING COUNCIL,
PRESIDENT & CEO, GREEN BUSINESS CERTIFICATION INC.

EN PROCESO DE CERTIFICACIÓN



Project
Decathlon Leon

Spain

LEED BD+C: Retail-v4 - LEED v4

OTIS FACTORY SAN SEBASTIAN

Expected LEED PLATINUM in 2021

DECATHLON LEÓN

Expected LEED GOLD in 2021



CONFIDENTIAL

**STUDENTS RESIDENCE RAMÓN CARANDE
SEVILLE**

Expected LEED Certification in 2021

**DUB09 & DUB10 MICROSOFT DATA CENTRES DUBLIN,
IRELAND**

Expected LEED GOLD in 2021



NUESTRA CERTIFICACIÓN ESTRELLA: "AULARIO INDUVA DE LA UNIVERSIDAD DE VALLADOLID"

- ***LEED PLATINUM** (Sostenibilidad) *Conseguido*
- ***WELL GOLD** (Salud, confort y bienestar) *En proceso*
- ***AESCAI DIAMANTE** (IAQ) *Conseguido*

ALGUNOS DE NUESTROS CLIENTES Y AMIGOS



UNIVERSIDAD CARLOS III DE MADRID



Universidad de Valladolid



universidad
de león



Ayuntamiento de Valladolid



RENAULT



AUTOMOTIVE
INTELLIGENCE
CENTER



imdea
energía



Microsoft



...y los mejores estudios de arquitectura