

PROJECT ONE (CEVA-DUBAI, JAFZ) WAREHOUSES & OFFICES



LEED® for New Construction v3.0

Total 66/106**

	Sustainable Sites	18/26
	Water Efficiency	4/10
	Energy & Atmosphere	24/35
	Material & Resources	6/14
	Indoor Environmental Quality	10/15
	Innovation in Design	4/6

**** Certified 40+ points, Silver 50+ points,
Gold 60+ points, Platinum 80+ points**

Fast Facts

LEED Certification: 1st USGBC LEED NCv3.0 Gold Certified Building in UAE

Square Feet: 699,611 sqft / Warehouses & Offices

Neighborhood: Jebel Ali Free Zone South, Dubai, UAE

Construction Cost: \$ 63 / square foot

Completed: 2010

Date of Certification: August 31, 2011

BENEFITS

- 44% Savings on Energy Use
- 33% Savings on Potable Water Use
- 34% Materials Used with Recycled Content

PROJECT BACKGROUND

CEVA Logistics FZCO is one of the world's leading logistics companies that run a global network of facilities in more than 170 countries. The company provides an end-to-end design, implementation & operational capabilities in freight forwarding, contract logistics, transportation management and distribution management.

As an initiative to venture the Middle-East market, the Owner has established a new facility named as "Project One (CEVA-Dubai, JAFZ)" comprising of two Warehouses & Offices Buildings respectively known as Unit 1 and Unit 2 located in Jebel Ali Free Zone Authority (JAFZA) Dubai, United Arab Emirates (UAE).

The Owner, being dedicated towards sustainable development had followed and implemented the Environmental Health & Safety (EHS) Green Building Guideline that is in line with the United States Green Building Council's (USGBC) LEED Rating System. The project has achieved "GOLD" rating from United States Green Building Council under LEED New Construction (NC v3.0).

PROJECT ONE (CEVA-DUBAI, JAFZ) WAREHOUSES & OFFICES

Plot No. S30805, Jebel Ali Free Zone South, Dubai, UAE

BUILDING

The project is known as "Project One (CEVA-Dubai, JAFZ) Warehouses & Offices" & is located on Plot No. S30805 at Jebel Ali Free Zone South, Dubai (UAE). The project was developed by JAFZA Gazeley FZE & leased out on long term basis to CEVA Logistics FZCO. CEVA is one of the worlds leading logistics companies, providing end to end design, implementation and operational capabilities in freight forwarding, contract logistics, transportation management and distribution management.

This is the 1st LEED NC v3.0 Gold Building in UAE.

SUSTAINABLE SITES



- Encourages the employees to practice car and van pooling
- Provided access to public transportation
- Provided more than 50% of non-roof impervious surfaces on-site paved with SRI compliant pavers and tiles
- Provided 100% Roofing materials meet the SRI requirements

ENERGY AND ATMOSPHERE



- High-efficiency HVAC equipment
- Efficient lighting controls & systems
- High-performance building envelope and insulation

GREEN EDUCATION

The CEVA Logistics FZCO is engaging in an on-going initiative to educate all of their own employees, professional organizations and the general public (i.e. CEVA consumers) to continuously promote awareness and increase adoption of sustainable products and design process.

OTHERS GREEN FEATURES INCLUDE



- The Project installed low flow features for toilets, urinals, faucets and showers which are standard practice in this water constrained region.
- The project uses 28% materials extracted and manufactured regionally.
- The project has achieved the breathing zone outdoor air ventilation rates to all occupied spaces as per the minimum rates required by ASHRAE 62.1-2004.
- The project uses low emitting materials

LESSONS LEARNED

- Incorporating green building requirements early on design stage
- Involvement of all the stakeholders in green building requirements to secure the certification
- Be sure to gain expert assistance in energy analysis

THE TEAM

Owner: JAFZA Gazeley FZE / CEVA Logistics FZCO

Design Consultant: Al Wasl Al Jadeed Consultants & KTA (Kelly Taylor & Associates Engineering & Environmental Consultants)

Contractor: Engineering Contracting Co. LLC (ECC) & McLaren Construction Ltd Joint Venture

Green Building Consultant: GlobalTech Safety & Environmental Consultancy

LEED AP: Abhay Ambere, Firoz Khan & Vishal Nair

Commissioning Authority: GlobalTech Commissioning Division

Photograph Courtesy of: GlobalTech Safety & Environmental Consultancy